

**GOVERNMENT OF ODISHA
(HOUSING & URBAN DEVELOPMENT DEPARTMENT)**

**OFFICE OF THE SUPERINTENDING ENGINEER,
PUBLIC HEALTH DIVISION, KORAPUT**

**DETAILED TENDER CALL NOTICE (DTCN)
FOR
Supplying & installation, testing and commission of
120 HP & 100 HP Centrifugal pump motor at
C.W.Pump house and other ancillary work, Koraput
for Standby under State Plan (Efficiency Measures) -
Demand NO. 13/4215 for the year 2026-27**

Bid Identification No.SEPHDKPT- 2 of 2026-27 Dt.29.08.2026

General & Technical Bid

COST OF TENDER PAPER: Rs.6000/-

Estd. Cost Rs.38,68,413/-

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SECTION-1

**GOVERNMENT OF ODISHA
OFFICE OF THE SUPERINTENDING ENGINEER,
P.H. DIVISION, KORAPUT**

NOTICE INVITING TENDER FOR THE WORK

Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27

NATIONAL COMPETITIVE BIDDING THROUGH e-Procurement
Bid Identification No.SEPHDKPT- 2 of 2026-27 Dt.29.08.2026

The **Superintending Engineer, P.H. Division, Koraput** on behalf of Governor of Odisha invites tender through **e-Procurement** in conformity with the terms and conditions of the Detailed Tender Call Notice (DTCN) from **Registered Manufacturers/ Authorized Dealers/ "C" & "B" Class contractor** other detailed qualifying requirements given in the DTCN to be eventually drawn up in the standard P-1 Contract Form of Odisha PWD. The bid should be submitted on-line in the website www.tendersodisha.gov.in by eligible class of contractors. The bidders should have the necessary Portal Enrolment (with his own Digital Signature Certificate). The registered bidders of outside Odisha can also participate in this process, after necessary Portal Enrolment, but shall have to subsequently undergo registration with the appropriate authority of the State Government before signing agreement.

Sl. No.	Name of the Work	Value of Work (In Rupees)	E.M.D (Rs. Lakh)	Cost of Documents	Period of completion
1	2	3	4	5	6
1.	Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27	38,68,413/-	1% of estimated cost (Online)	Rs.6000/- (Online)	4 (Four) Calendar Months

2. Mode of Submission of tender: Tender should be submitted online in www.tendersodisha.gov.in
3. The bidders desirous to participate in bidding must possess compatible Digital Signature Certificate of Class-II or Class-III and should follow the changes/ modifications/ addendum to DTCN if any.
4. The Payment of tender paper cost have to be made electronically in e-procurement portal through payment gateway of designated bank such as SBI/ ICICI/ HDFC bank as per Works Department Office memorandum No.17254 dt.05.12.2017.
5. **Critical Dates:-**

Sl. No.	Description	Critical Dates
(i)	Period of availability of tenders on-line	From 11.00 Hrs. of 10.09.2026 to 17.00 Hrs. of 24.09.2026
(ii)	Last date & time of seeking clarification	17.00 Hrs. of 23.09.2026
(iii)	Last date & time of bidding on-line	17.00 Hrs. of 24.09.2026
(iv)	Date & time of opening of Technical Bid	11.00 Hrs. of 25.09.2026

6. The bid for the work shall remain open for acceptance for a period of **120 days** from the date of opening of price bids. If any Bidder/ Tenderer withdraws his bid/tender before the said period or makes any modifications in the terms and conditions of the bid, the said earnest money shall stand forfeited.
8. Other details can be seen in the bidding documents, which is available in website www.tendersodisha.gov.in.
9. Subsequent corrigendum if required shall be appeared in the website.
10. **PENAL PROVISION : -**
 - (i) Agency awarded with the work shall have to submit bar-chart during execution of agreement.
 - (ii) No extension of time shall be granted except extraordinary situations of natural calamities like flood, cyclone, earthquake etc.etc.
 - (ii) If whole work is delayed by more than 90 days, agreement will be rescinded imposing penalty as per codal provision due to part execution / non execution of work.
11. Authority reserves the right to reject any or all the tenders without assigning any reasons thereof.

Sd/-
Superintending Engineer,
P.H. Division, Koraput

CHECK LIST TO BE FILLED UP BY THE BIDDER

Name of the Work : Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27

Sl. No	Particulars	Reference to Clause no.	Whether furnished		Reference to Page no.
			Yes	No	
01.	Cost of tender paper in case of down loading Rs.6000/- (Online remittance)	As per NIT			
02.	E.M.D for 1 % of estimated cost (Online remittance) (Scanned copy of the financial instrument shall be furnished)	DTCN Clause No.2(B)23.1			
03.	Copy of valid Registration Certificate	DTCN Clause No.2(A).a.iv			
04.	Copy of valid GSTIN certificate	DTCN Clause No.2(A).a.ii			
05.	Copy of PAN Card	DTCN Clause No.2(A).a.iii			
06.	No Relationship & Authorization Certificate form of affidavit in Schedule – I	DTCN Clause No.2(A).a.v&vi			
07. (a)	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the tenderer	Schedule-B			
(b)	Affidavit / Declaration	Schedule-C			
08.	Work schedule in the form of Bar Chart	DTCN Clause No.7.14			

CONTRACT DATA**A. GENERAL INFORMATIONS**

S N	Item	Details
1	Bid Identification No.	SEPHDKPT- 2 of 2026-27 Dt.29.08.2026
2	Name of the Work	Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27
3	Officer inviting tender	Superintending Engineer, P.H. Division, Koraput
4	Superintending Engineer concerned with head quarters authorised as Engineer-in-charge of this work.	Superintending Engineer, P.H. Division, Koraput
5	Asst. Chief Engineer with head quarter	ACE, PH CIRCLE, BHAWANIPATNA
6	Accepting Authority	Superintending Engineer, P.H. Division, Koraput
7	Estimated Cost	Rs.38,68,413/-

B. BID INFORMATION

8	Intended completion period/Time period assigned for Completion	4 Calendar Months
9	Last Date & time of submission of Bid	17.00 Hrs. of Dt.24.09.2026
10	Cost of Bid Document	
i)	Amount through online	Rs.6000/-
ii)	In favour of	Superintending Engineer, P.H. Division, Koraput
iii)	Payable at	Koraput
11	EMD	
i)	Amount	1 % of estimated cost (Online)
ii)	Pledged in favour of	Superintending Engineer, P.H. Division, Koraput
iii)	Payable at	Koraput
iv)	Type of instrument	As specified in the Bid document
12	Bid validity period	120 days from the date of opening of Price Bid
13	Minimum period of contract / agreement / lease deed of equipment and machineries.	4 Calendar Months
14	Currency of Contract	Indian Rupees
15	Language of Contract	English

SECTION- 2(A)

**DETAILS OF THE DOCUMENTS TO BE FURNISHED
FOR ONLINE BIDDING**

- (a) Scanned copies of the following documents to be up-loaded in appropriate place in PDF format in the website **www.tendersodisha.gov.in.**
- i. Tender Paper Cost.
 - ii. GSTIN certificate.
 - iii. E.M.D.
 - iv. PAN Card.
 - v. Registration certificate/ Manufacturers Certificate/ Dealership Certificate.
 - vi. Affidavit regarding correctness of certificates.
 - vii. Affidavit regarding no relation certificate.
 - viii. Any other relevant required document, if any.
- (b) Scanned Copies of the Certificates/Formats showing details of information to be furnished as per the enclosed formats should be uploaded in appropriate place after converting the same to PDF.

- Schedule A - Structure & Organisation.
- Schedule B - Information regarding current litigation/debarment etc.
- Schedule C - Affidavit/ Declaration.
- Schedule D - Affidavit regarding no Relation & Authentication.
- Schedule E - Format for seeking clarification.
- Schedule F - Form of bank guarantee.
- Schedule G - Any other information.

(The details of the Format is enclosed in the DTCN)

(c) Uploaded documents of valid successful bidders will be verified with the original before acceptance of offer.

(d) DTCN is not to be uploaded by the bidder. The bidder has to only agree / disagree on the conditions in the DTCN. The bidders, who disagree on the conditions of DTCN, can not participate in the tender.

(e) The bidders have to submit paper cost and EMD through electronically in e-procurement portal through payment gateway of designated bank such of SBI/ ICICI/ HDFC only as per Works Department office memorandum No.17254 dt.05.12.2017.

SECTION- 2(B)

INSTRUCTIONS TO BIDDERS

A. GENERAL

1. **Definitions:**

- (a) "Employer" means the **Public Health Engineering Organisation (PHEO)** of the Government of Odisha represented by the **Superintending Engineer, P.H. Division, Koraput** or his authorised representative with whom the selected Contractor signs the contract for the services.
- (b) "Contractor" / Bidder / Agency carry the same meaning through out the DTCN and Contract.
- (c) "Contract" means the contract/ agreement signed by the parties along with all attached documents listed in the DTCN (Tender Document Part).
- (d) "Data Sheet" means such part of the Instructions to Contractor as are used to reflect assignment conditions and evaluation of the bid.
- (e) "Day" means a calendar day.
- (f) "Government" means the Government of Odisha.
- (g) "Instructions to Bidders (Section-2(B) of the Part-I of DTCN) means the document which provides all information needed to prepare their proposals.
- (h) "NIT" (Section-1 of the DTCN) means the Letter of Invitation being sent by the Employer.
- (i) "Personnel" means professionals and support staff provided by the Contractor and assigned to perform the services in full or in any part thereof.
- (j) "Proposal" means the Technical Proposal (Tender Document) and the Financial Proposal (Tender Document).
- (k) "DTCN" means the Detailed Tender Call Notice prepared by the Employer for the selection of contractor which includes.
- (l) "Govt". means Govt. of Odisha or Govt. of India as the case may be.

2. **Introduction / Selection Procedure:**

The Employer named in the Data Sheet will select a contract agency to execute the work as described in the scope of work and in the Data sheet.

The Contractor shall bear all costs associated with the execution of the work. The Employer is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to contract award without thereby incurring any liability to the Contractor.

3. **Location of the Project:**

The place of action is at **Koraput Municipality area** in the district of **Koraput** in the **State of Odisha**.

4. **Source of Funding:**

The work will be **funded** by **State Plan**.

5. **Eligibility:**

- 5.1. A Bidder shall be deemed to have the nationality of India.
- 5.2. Government-owned enterprises shall be eligible only if they can establish that they are legally and financially autonomous and operate under commercial law.

- 5.3. **Registered Manufacturers/ Authorized Dealers/ "C" & "B" Class contractor**
proof of registration is to be furnished along with the tender.
6. **History of Litigation and Criminal Record:**
If any criminal cases are pending against the Contractor (him/her/partners) at the time of submitting the tender, then the tender shall be summarily rejected.
7. The Contractor has to furnish a declaration that no near relatives are working in the cadre of an Assistant Engineer/ Assistant Executive Engineer and above in the Organisation of Public Health Engineering Organisation (PHEO) of State of Odisha.
8. **Other Requirements:**
 - 8.1. Even if the Contractor meets other criteria, his tender shall be summarily rejected if he is found to have misled or made false representation in the form of any of the statements submitted in proof of the eligibility and qualification requirements.
 - 8.2. The tender shall also be summarily rejected if he has a record of performance such as absconding from work, works not properly completed as per contract, inordinate delays in completion, financial failure.
 - 8.3. In addition to the above, even while executing the work, if it is found that he produced false / fake, certificates in his tender, he will be blacklisted.
9. **Original Certificates:**
Original documents/certificates shall be produced as and when required to verify the copies of statements and other information furnished along with tender. Failure to produce original documents in time will lead to disqualification.
10. **Cost of Tendering:**
The Contractor shall bear all expenses associated with the preparation and submission of his tender, **Superintending Engineer, P.H. Division, Koraput** shall in no case be responsible or liable for reimbursement of such expenses.
11. **Site Visit:**
The contractor is advised to visit and examine the proposed work site at **Koraput Municipality area** in the district of **Koraput** and obtain for himself all information that may be necessary for preparing the tender and quoting rates at his cost and responsibility

B. TENDER DOCUMENTS

12. **Tender Documents:**

- 12.1. A set of Tender Documents comprising of the General & Technical Bid and the Price Bid includes the following together with all Addenda thereto, which may be issued in accordance with **Clause 2 (B) 13 and Clause 2(B)14.**

GENERAL & TECHNICAL BID

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Section-3	Information regarding Tenderer
Section-4	Declaration by the Tenderer
Section-5	Form of Agreement
Section-6	Conditions of Contract
Section-7	Special Conditions of Contract
Section-8	Scope of Work
Section-9	Technical Specifications & Design Criteria
Section – 10	Payment Break-up Schedule
Schedule-A to I	Formats for furnishing Information by the Bidder
Annexure-I	Laying of D.I. pipe line
Annexure-II	Guidelines/Procedure to be followed in introduction of e-Procurement in Govt. of Odisha
DTCN – PRICE BID	

- 12.2. The Contractor is expected to examine carefully all instructions, terms of reference, tender conditions, forms, appendices to tender, addenda in the tender documents. Failure to comply with the requirements of tender submission will be at the contractor's own risk.

13. **Clarification of Tender Documents:**

The Contractor shall carefully examine the tender documents and be fully informed of all the conditions and matters, which may in any way affect the work or the cost thereof. Should a Contractor find any discrepancy in or omission from the specification or any other of the tender documents or should he be in doubt as to their meaning, he should immediately address a clarification online.

14. **Amendment of Tender Documents:**

14.1. At any time, prior to the dead line for submission of tenders, **Superintending Engineer, P.H. Division, Koraput** may for any reason, whether at its own initiative or in response to the clarifications requested by the prospective Contractor, modify the tender documents by issuing an Addendum.

14.2. Such addenda will be notifying in the website and will be binding upon them.

14.3. In order to afford prospective Contractor reasonable time to take such addenda into account in preparing their tenders, **Superintending Engineer, P.H. Division, Koraput** at his discretion, may extend the dead line for the submission of tenders, if necessary.

C. PREPARATION OF TENDER DOCUMENT

15. **Language of the Documents:**

All documents relating to the Tender shall be in the English language.

16. **Documents Comprising the Tender:**

- (a) General & Technical Bid.
- (b) Price Bid.
- (c) All documents stipulated elsewhere in the DTCN.

17. **Sufficiency of Tender:**

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the services to be provided and of the prices quoted in the financial bid, which shall cover all his obligations under the contract and all matters and things necessary for the successful accomplishment of the work.

18. **Preparation of Proposal:**

18.1. The Proposal (see Section-2(B) Clause 1(J)) as well as all related correspondence exchanged by the employer & the Contractor shall be written in the language specified in the Data Sheet.

18.2. In preparing the proposal, the Contractor is expected to examine in detail the documents comprising the DTCN. Material deficiencies in providing the information requested may result in rejection of a proposal.

18.3. **Site Inspection by tenderer.**

The tenderer shall inspect the site at his own cost and shall satisfy himself with regard to the nature and extent of the work involved, the actual site conditions, existing facilities and shall collect any other information which may be required before submitting the tender. Any further data required during execution of the work / scheme shall be ascertained by the contractor at his own cost.

19. Technical Proposal Format and Content:

The Contractor should have sufficient man power to execute & complete the work within the time schedule. He should have sufficient financial background / work experience with specification in construction of water supply scheme / machinery and equipment required for execution of the work / free from litigation / have good working record of completion of the works in time. It may be noted that the contractor should satisfy the minimum eligible criteria for award of Contract. The Technical Proposal shall provide the information indicated in the following paragraphs (clause 2(B)19.1 to 2(B)19.12) using the attached Standard Forms. A page is considered to be one printed side of A4 or letter size paper.

- 19.1. The Contractor has to furnish the names of the professional staff to be deployed in the work with their qualification / experience in Schedule-'A'.
- 19.2. A description of the approach, methodology and work plan for performing the assignment.
- 19.3. The list of the key machinery & equipment to be deployed in the work with owner proof or agreement with the rightful owner Schedule 'C'.
- 19.4. Work experience certificate from an Engineer not below that the rank of Superintending Engineer in support of the work executed as furnished in Scheduled-D.
- 19.5. Bio-data of the professional staff furnished need be signed by the staff themselves or by their authorized representatives.
- 19.6. Annual financial turn over of the last 5 (five) years shall be Audited accounts of the agency / contractor and certified by chartered accountant and to be indicated in Schedule – B.
- 19.7. Solvency Certificate from a Scheduled Bank (Schedule – G).
- 19.8. Copy of Odisha GSTIN in support of GSTIN or undertaking as per Finance Deptt. Office Memorandum No.34145 Dt.17.08.2007 & No.3202 Dt.15.01.2009.
- 19.9. Copy of PAN Card.
- 19.10. Copy of Contractor's Registration Certificate.
- 19.11. General Power of Attorney if required in favour of the authorised signatory.
- 19.12. Other information as required.
- 19.13. The Technical Bid shall not include any financial information related to the Price Bid. **A Technical Bid containing financial information related to the Price Bid shall be declared non responsive.**

20. The Financial Proposal:

- 20.1. The Contractor shall quote his rates on prescribed form of the Bill of Quantities (BoQ) already supplied in the Tender.
- 20.2. The offer shall be inclusive of all costs associated with the assignment including cost of all materials to be utilized in the work, cost of T&P, consumables, infrastructure backup etc. The offer shall also be inclusive of all duties, levies, taxes of the Central and State Govt. Further it shall also include all other expenses incidental thereto for successful accomplishment of the assignment in conformity with the DTCN.
- 20.3. The contractor should make realistic assessment of the exhaustive nature of work and the extent of expert technical and managerial inputs and resources required to carry out the work diligently to complete the work within the stipulated time and quote their offer accordingly.
- 20.4. The rate quoted by the contractor shall be contractor.

21. Tender Validity:

- 21.1. The proposal must remain valid for **120 days** from the date of opening of price bid.
- 21.2. A Contractor agreeing to the request of extending the validity period of the proposal will not be required or permitted to modify his tender.

22. Authorisation, Corrections, Erasures etc. in Tender Papers:

- 22.1. The tender document shall be digitally signed by a person duly authorized to do so. Proof of authorization shall be furnished in the form of a certified copy of Power of Attorney, which shall accompany the tender.
- 22.2. The completed tender shall be submitted without any alterations, inter-relations or erasures except those which accord with instructions given by the **Superintending Engineer, P.H. Division, Koraput.**
- 22.3. Only one tender shall be submitted by a contractor. Submission of bids through e-Procurement portal the system shall consider only the last bids submitted through portal.

23. Earnest Money Deposit / ISD / SD / Additional Perform Security & GST Clearance:

23.1. Earnest Money Deposit:

The Earnest Money Deposit (EMD) shall be of **1 % of estimated cost (Online)** have to made through electronically in e-procurement portal through payment gateway of designated bank such of SBI/ ICICI/ HDFC Bank. EMD furnished in other forms shall not be considered and such tenders shall be out rightly rejected.

In case the agency proposes to engage machineries and equipments as asked for in the tender document, owned or hired but deployed out side the State, he/she is required to furnish additional 1% EMD/Bid Security. The entire bid security including the additional bid security shall stand forfeited in case the agency fails to mobilize the machineries within stipulated time as per the tender document.

23.2. Return of EMD:

The EMD or Bid Security payable alongwith the bid document which is to be transferred online as part of its bid, as mentioned under DTCN through a process mentioned in Works Deptt. O.M. No.6785/W Dt.09.05.2017 read with W.D. Memo No.17254 Dt.05.12.2017. The bid security shall be retained till such time the successful bidder furnishes initial Security Deposit (ISD) alongwith bid security and Performance Security acceptable to the Officer Inviting the bid in shape of designated financial instruments described in DTCN. Failure of the successful bidder to comply with the requirements shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security. The EMD/ Bid Security (Online paid) of L2 & L3 etc. bidder will be refunded to the respective accounts to the respective accounts after award of contract.

23.3. Initial Security Deposit:

The successful Tenderers , after receipt of formal order shall have to furnish Initial Security Deposit (ISD) **2% Two percent (1% EMD + 1% ISD)** of the value of the tender, in shape of **NSC/ Postal Office Savings Bank Account/ Post Office Time Deposit Account / Kishan Vikash Patra/ Bank Guarantee in favour of the Divisional Officer from any Nationalized Schedule Bank in India counter guaranteed by its local Branch at Bhubaneswar/ e-Bank Guarantee executed on the National e-Governance Services Limited (NeSL) Digital Document Execution Portal/ Insurance Surety Bond issued by an Insurance Company authorized by the Insurance Regulatory and Development Authority of India (IRDAI) as Lr.No.4909 Dtd.12.03.2026 of Works Department, Govt. of Odisha duly pledge in favour of the S.E., P.H. Division, Koraput payable at Koraput with in 7 (seven) days of receipt of intimation failing which their tender shall be cancelled with the forfeiture of EMD** duly pledge in favour of the **Superintending Engineer, P.H. Division, Koraput payable at Koraput with in 7 (seven) days of receipt of intimation failing which their tender shall be cancelled with the forfeiture of EMD.**

- 23.4. **Additional Performance Security :-** Additional performance security shall be taken on an incremental basis from the selected bidder for low bid prices in the project works as under:

I. where the bid price is below 0% but not below 10% of the project cost put to bid, no additional performance guarantee/security percentage is required.

II. where the bid price is below 10% but not below 20% of the project cost put to bid, the additional performance guarantee/security percentage shall be incremented by 0.1% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance guarantee being 0.1% and this additional performance guarantee percentage shall be applied on the bid price;

III. where the bid price is 20% or more below of the project cost put to bid, the additional performance guarantee percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price;

IV. The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.

V. The additional performance security shall be treated as part of the performance security.

VI. Justification for abnormally low bids shall be scrutinized by the Departmental Technical Committee and recommended to the competent authority of the Administrative Department for the approval of the Additional Performance Security (APS). An abnormally low bid is one -in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Procuring Entity may, in such cases, seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bid document. If, after evaluating the price analyses, the procuring entity determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the Bid/ Proposal. However, it would not be advisable to fix a normative percentage below the estimated cost, which would automatically be considered as an abnormally low bid.

“Additional Performance Security shall be deposited in shape of **NSC/ Postal Office Savings Bank Account/ Post Office Time Deposit Account / Kishan Vikash Patra/ Bank Guarantee in favour of the Divisional Officer from any Nationalized Schedule Bank in India counter guaranteed by its local Branch at Bhubaneswar/ e-Bank Guarantee executed on the National e-Governance Services Limited (NeSL) Digital Document Execution Portal/ Insurance Surety Bond issued by an Insurance Company authorized by the Insurance Regulatory and Development Authority of India (IRDAI) as Lr.No.4909 Dtd.12.03.2026 of Works Department, Govt. of Odisha duly pledged in favour of the Superintending Engineer, P.H. Division, Koraput**”.

- 23.4. **GSTIN Certificate in Form Odisha:**

Tenderers are required to submit attested copies of valid and up-to-date Odisha GST Certificates along with their tenders, failing which their tenders will not be considered. The bidders from out side the State who intend to participate in the tender and who have not been registered under the Odisha GST act as they have not started any

business in state as yet are allowed to participate in the tender without having Odisha GST certificates subject to condition that they should submit undertaking in the form of an affidavit indicating therein that they are not registered under the Odisha GST act as they have not started any business in state and they have no liability under the act. But before award of the final contract, such bidders will have to produce the Odisha GST certificate.

23.5. Security Deposit

In addition to that **5% of gross value** will be deducted from bill(s) of the agency toward Security Deposit (**SD**) which will be refunded after the defect liability period subject to payment of final bill.

23.7. The EMD shall be forfeited, if, (a) a agency withdraws the tender during the validity period of tender or (b) if the firm fail to furnish ISD within due time or (c) the successful tenderer fails to sign the Agreement for whatever reason.

23.8. In consideration of the Executive Engineer / Superintending Engineer / Chief Engineer / Government to investigate and to take into account each tender and in consideration of the work thereby involved, all earnest money deposited by the tenderer will be forfeited in the event of such tenderer either modifying or withdrawing his tender at his instance within the validity period.

24. Signing of Tenders / Bid

All tender documents will be signed digitally with Digital Signature Certificate (DSC). The online bidder shall digitally sign on all statements, documents, certificates, uploaded by him, owing responsibility for their correctness / authenticity as per IT Act 2000. If any of the information furnished by the bidder is found to be false / fabricated / bogus, his EMD / Bid security shall stand forfeited and the bidder is liable to be blacklisted.

24.1. If the tender is made by an individual, it shall be signed with his own Digital Signature Certificate (DSC).

24.2. If the tender is made by a corporation / company, it shall be signed by a duly authorized officer who shall produce with his tender satisfactory evidence of his authorization. Such a corporation / company may be required before the contract is executed, to furnish evidence of its corporate existence.

The tender shall contain no alterations or additions, except those to comply with instructions issued by the Tender Inviting Officer, or as necessary to correct errors made by the Tenderer, in which case all such corrections shall be digitally signed.

24.3. No alteration made by the tenderer in the contract form, the conditions of the contract, statements / formats accompanying the tender shall be recognized and in case of any alterations made by the tenderer, the tender will be void.

24.3.1. All documents furnished by the agency along with the tender are to be digitally signed by the bidder.

25. Clarification on and Amendment to DTCN Document:

25.1. Agency may request a clarification to any clause of the DTCN documents up to the number of days indicated in the Data Sheet before the proposal submission date. Any request for clarification must be sent online in the portal. The Employer will respond to this online through the same portal. Should the Employer deem it necessary to amend the DTCN as a result of a clarification, it shall do so following the procedure under para. 2(B) 25.2.

25.2. At any time before the submission of Proposals, the Employer may amend the DTCN by issuing an addendum/corrigendum which shall be published in the portal. The addendum/corrigendum shall be binding for the bidders. To give the bidders a reasonable time to take into account the amendment into their proposals the Employer may, if the amendment is substantial, extend the deadline for the submission of proposals. The purpose of this is to clarify issues on any matter, a tenderer may raise concerning the tendering of the works.

D. SUBMISSION OF TENDERS

- 26 In view of adoption of e-procurement process pursuant to Government of Odisha in Works Department Office Memorandum No.FA-R-3/08-4657/W dated 12.03.08, 4666/W dated 12.03.2008 & 1017/W Dt.24.01.2009 following changes/ modification/ addendum shall be effected.
- 26.1. **Bid Documents:**
 Bid documents consisting of technical bid & price bid shall be provided in the portal. Submission of bids will be through the e-Procurement portal. The bidders shall prepare the documents & upload the scanned document to the portal in appropriate place in PDF format.
- 26.2. **Clarification of Bidding Documents:**
 In case of submission of Bids through the e-Procurement Portal, the bidder can seek clarification within the period of seeking clarification as mentioned in tender call notice. The Employers response for the queries raised by the bidder will be posted in the portal.
- 26.3. **Documents Comprising the Bids:**
 In case of submission of Bids through the e-Procurement Portal, the bidder can submit the scanned copy of the documents in the designated locations of Technical Bid and Financial Bid. Submission of document shall be effected by using Digital Signature Certificate (DSC) of appropriate class and thus shall be in encrypted form.
- 26.4. **Bid Price:**
 In case of submission of Bids through the e-Procurement Portal, an intelligent Bill of Quantity in Microsoft Excel format shall be made available to the bidder. The bidder shall download that particular Excel sheet and fill in rates in figures at the appropriate location. The line item total in words and the total amount in case of item rate tenders shall be calculated automatically and shall be visible to the bidder. In case of percentage tender, the bidder will only fill in the designated cell and activate "less" or "excess" to indicate whether his price offer is how much excess or less than the estimate amount. The agency will write percentage excess or less up to two **Decimal point only. The bidder is not supposed to change or modify the format of the excel sheet in any form.**
- 26.5. **Bid Security/EMD:**
- (i) The bidder shall furnish, as part of his Bid, a bid security in the amount as shown in Col. 4 of the table of Notice Inviting Tender (NIT) for this particular work. In case of submission of bids through e-Procurement portal the bidder shall upload the scanned copy/copies of documents as required as per DTCN. The online bidder shall have to produce the original documents in support of scanned copies & statements uploaded in the portal on demand by the employer prior to award of contract-failing which action as per DTCN will be initiated. In case of submission of Bids through the e-Procurement Portal, the bidder shall only submit single copy of the document. He is required to check the documents uploaded with the requirement asked for in the bid. Only after satisfying that all the documents have been uploaded, he should activate submit button. His bids shall not be considered responsive and action as per relevant clause shall be taken if he does not provide the required documents or provided illegible document. Clarity of the document may be ensured by taking out a sample printing.
 - (ii) The EMD will be forfeited in any of the following case.
 - a) If the Bidder withdraws the Bid after Bid opening during the period of Bid validity.
 - b) If the Bidder does not accept the correction of the Bid Price.

- c) In the case of a successful Bidder, If the Bidder fails within the specified time limit to
 - i) Sign the Agreement / contract or
 - ii) Furnish the required ISD and Performance Security.
- d) In case of submission of Bids through the e-Procurement Portal, if any of the statements, documents, and certificates up loaded by the bidder is found to be false/fabricated/bogus, the bidder will be blacklisted and his EMD/ Bid Security shall be forfeited.

26.6. **Submission of Bid:**

In case of submission of bids through e-Procurement portal on the bidder shall upload the scanned copy/copies of documents as required as per DTCN. The on line bidder shall have to produce the original documents in support of scanned copies & statements up-loaded in the portal on demand by the employer prior to award of contract-failing which action as per DTCN will be initiated.

In case of submission of Bids through the e-Procurement Portal, the bidder shall only submit single copy of the document. He is required to check the documents uploaded with the requirement asked for in the bid. Only after satisfying that all the documents have been uploaded, he should activate submit button. His bids shall not be considered responsive and action as per relevant clause shall be taken if he does not provide the required documents or provided illegible document. Clarity of the document may be ensured by taking out a sample printing.

26.7. **Late Bids:**

In case of submission of Bids through the e-Procurement Portal, the system shall reject submission of any bid through portal after closure of the receipt time. For all purpose the portal time displayed in the system shall be the time to be followed by the bidder.

27. **Modification & Withdrawal of Bid:**

In case of submission of Bids through the e-Procurement Portal, it is allowed to modify the bid. The bidder shall have to log on to the system and resubmit the documents as asked for by the system including the price bid. In doing so, the bids already submitted by the bidder will be removed automatically from the system and the latest bid only will be admitted. But the bidder should avoid modification of bid at the last moment to avoid system failure or malfunction of internet or traffic jam. If the bidder fails to submit his modified bids within the designated time of receipt, the bids already in the system shall be taken for evaluation.

In case of submission of Bids through the e-Procurement Portal, withdrawal of bid is allowed. The bidder has to click on the "withdraw" button and record the necessary justification for the same in the space provided. In addition to this, he has to write a letter addressed to the Officer inviting the bid and up load the scanned document to portal in respective bid. The system shall not allow any withdrawal after expiry of the closure time of the bid.

28. **Bid Opening:**

In case of submission of Bids through the e-Procurement Portal, the bidders who participated in the online bidding can witness opening of the bid from any system logging on to the portal away from opening place. The bids can only be opened by the pre-designated officials only after the opening time mentioned in the bid.

29. **Award of Work:**

In case of submission of Bids through the e-Procurement Portal, the system shall generate the Award of Contract letter and intimate the bidders in his e-mail.

E. TENDER OPENING AND EVALUATION

30. Tender Opening:

30.1 The **Superintending Engineer, P.H. Division, Koraput** will open the tenders electronically on the date & time mentioned in the **Notice Inviting Tender (NIT)**.

30.2 A tender shall be rejected if;

- a) Price Bid is not enclosed.
- b) Cost of tender document is not enclosed.
- c) EMD as per Clause 2(B) 23.1 is not enclosed.
- d) Proof of eligibility and qualifications is not enclosed.
- e) There are any criminal cases pending.
- f) PAN is not enclosed.
- g) Affidavit is not enclosed.
- h) Record of litigation and arbitration is not enclosed.
- i) GSTIN in Odisha GSTIN / undertaking to furnish GSTIN in case of out side State agencies who have not registered under Odisha as per condition of DTCN.
- j) Any other relevant required document, if any not enclosed.

30.3. The bid documents will be opened as per time schedule, if a bidder fulfils the requirements.

30.4. The **Superintending Engineer, P.H. Division, Koraput** may prepare, for his own record, minutes of the tender opening, including the tender opening summary which shall be posted in the portal.

31. Clarification on Tenders from Tenderers:

To assist in the scrutiny, evaluation and comparison of the tenders, the **Superintending Engineer, P.H. Division, Koraput** may ask agency individually for clarification on their tenders. The request for clarification and response shall be in writing or by mail. However, no change in the tender amount/ rate or substance shall be sought, offered or permitted by the **Superintending Engineer, P.H. Division, Koraput** during the evaluation of the tenders.

32. Determination of Responsiveness:

32.1. Prior to the detailed evaluation of tenders, **Superintending Engineer, P.H. Division, Koraput** will determine whether each tender has been submitted in the proper form and whether it is substantially responsive to the requirements of the tender documents. Tenders, which have not been submitted in the proper form, will be rejected.

32.2. Any tender which is not substantially responsive to the requirements of the tender documents will be rejected by the **Superintending Engineer, P.H. Division, Koraput**. Such a tender shall not be allowed subsequently to be made responsive by the agency by correcting or withdrawing the non-conforming deviation(s) or reservation(s).

33. Proposal Evaluation:

33.1. From the time of the proposals are opened to the time, the contract is awarded, the contractor should not contact the client on any matter related to its Technical and/or Financial Proposal except any required in Clause-2(B)31.

- 33.2. Any effort by a bidder to influence the client in any form directly or indirectly during the examination, evaluation, ranking of proposals, and recommendation for award of the contract may result in the rejection of the contractor's proposal.
Evaluation of Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.

33.3. Evaluation of Technical Proposals:

- 33.3.1. The Evaluation Committee shall evaluate the Technical Proposals on the basis of their responsiveness to the DTCN.

- 33.3.2. A Proposal shall be rejected at this stage if it does not respond to required aspects of the NIT / DTCN.

- 33.3.3. During technical evaluation, the tenderers may have to make a presentation on their technical proposal before the Evaluation Committee if felt necessary. The date of such presentation shall be intimated to them in writing or by mail.

33.4. Evaluation of Financial Proposals:

- 33.5.1. After the technical evaluation is completed, the Employer shall inform in writing or by mail to the contractors, who have qualified in the General and Technical bid (Part-I of DTCN), the date, time and location for opening the Financial Proposals (Price Bids).

- 33.5.2. Financial Proposals of the bidders who qualified in technical evaluation shall be opened.

- 33.5.3. Financial bids determined to be substantially responsive will be checked by the employer for any arithmetic error(s).

- 33.5.4. The Evaluation Committee will correct any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount or between words and figures, the amount in words will prevail.

- 33.5.5. If the bid price increases as a result of these corrections, the amount as stated in the bid will be the bid price and any increase will be treated as rebate. If the bid price decreases, the decreased amount will be treated as bid price.

33.5. Selection of contractor on the basis of Price Bid:

Other condition being equal, the contractor bidding the lowest price will be considered for acceptance by competent authority.

34. Negotiations:

- 34.1. Negotiations will be held if required with the lowest valid tenderer. In the event of the L₁ tenderer has furnished any condition which grossly affects the tender value / contains such conditions which make the value of the offer indefinite, he may be given an opportunity to withdraw such condition(s) to make the tender definite. Failure to withdraw such condition(s) may lead to rejection of the tender as in consistent / non responsive. In such case the employer may explore the possibility of considering the next valid tender as L₁.

F. AWARD OF CONTRACT

35. Award Criteria:

- 35.1. After acceptance of price bid of the tender by competent authority selected contractor will be intimated about such acceptance.
- 35.2. The contractor is expected to commence the work on the date and at the location specified in the Data Sheet.

36. Right to Accept or Reject any or all Tenders:

Notwithstanding Clause 2(B)35, the **Superintending Engineer, P.H. Division, Koraput/Addl C.E., Bhawanipatna/C.E., P.H.(Urban), Odisha, Bhubaneswar/ E.I.C., P.H, Odisha, Bhubaneswar / Government of Odisha** reserves the right to accept or reject any tender, annul the tendering process, reject all tenders at any time or any stage prior to the award of contract without thereby incurring any liability to the affected bidders.

37. Process to be Confidential:

- 37.1. After the opening of tenders as per Clause 2(B)30 & 2(B)33, information relating to examination, clarification, evaluation and comparison of tenders and recommendations, concerning to the award of contract shall not be disclosed to the contractor or any other persons, officially not concerned with the process, until the award of the contract to the successful contractor has been announced.
- 37.2. Any effort by any contractor to influence the Department officials in scrutiny, clarification, evaluation and comparison of tenders, and in any decisions concerning award of a contract, may result in the rejection of their Tender.

38. Notification of Award & signing of Agreement:

- a) The Employer/ Engineer-in-charge shall notify acceptance of the work prior to expiry of the validity period by cable, telex or facsimile or e-mail confirmed by registered letter. This Letter of acceptance will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution & completion of the works by the contractor as prescribed by the contract & the amount of performance security and additional performance security required to be furnished. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
- b) The contractor after furnishing the required acceptable performance security and additional performance security, "Letter to Proceed" or "Work Order" shall be issued by the Engineer-in-charge with copy thereof to the procurement Officer-Publisher. The Procurement Officer-Publisher shall up load the summary and declare the process as complete.

SECTION- 2(C)
DATA SHEET

Ref CL. No.	Description
	Name of the Work - Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27
Section-8	Broad Scope of Works : 1. Installation of 120HP centrifugal pump motor having 90m head and discharge 240m³/ hr 2. Installation of 120HP VT pump motor having 90m head and 67lps discharge 3. Installation of 100HP centrifugal pump motor having 80m head and discharge 180m³/ hr
2(B)1.(a)	Name of the Employer: Superintending Engineer, P.H. Division, Koraput under Housing & Urban Development Deptt., Govt. of Odisha, Bhubaneswar.
2(B)33.6	Method of selection: Qualifying as per condition of DTCN and L₁ in the Price Bid.
2(B)26.	Bid System: The bid consisting of General & Technical Bid and Price Bid to be submitted as detailed at Clause-2(B)26.
2(B)15.	Proposals shall be submitted in the following language: English
2(B)21.	Offers must remain valid for 120 days from the date of opening of Price Bid.
2(B)25.1	Clarifications may be requested on line till 17.00 Hrs. of 23.09.2026
2(B)30	The tender will be opened on following date and time: Dt.11.00 Hrs. of 25.09.2026

SECTION –2 (D)**LETTER FOR SUBMISSION OF TENDER*****[To be filled in by the Bidder]***

Note:- (1) *Additional conditions appended to the tender will make the tender liable for rejection.*
 (2) *Non-submission of EMD in proper shape and other required documents as detailed hereinafter shall make the tender liable for rejection.*

Ref. No. _____/Dated _____

To

**The Superintending Engineer,
P.H. Division, Koraput.**

Sub: Tender for the Work - Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27

Ref: Identification No. SEPHDKPT- 2 of 2026-27 Dt.29.08.2026 published in the website www.tendersodisha.gov.in.

Dear Sir,

With reference to the above, we are to inform you that in response to your above referred NIT, we have downloaded the Detailed Tender Call Notice (DTCN) and that after having thoroughly examined the same, we hereby tender for the work to execute the work within the stipulated time and in conformity with the relevant clauses of the DTCN along with all related statutory rules and regulations for the amounts as quoted in the accompanying price bid.

2) I/We have studied, acquainted and satisfied ourselves with the site and its working conditions for the successful and timely completion of the work.

3) I/We are submitting herewith Bar Chart to complete the work in time.

4) Our offer is unconditional and is in conformity with the requirements of the DTCN. We understand that any additional condition put by us in the tender shall make our tender liable for rejection.

5) I/We understood that you are not bound to assign any reason in case of rejection of our tender.

6) I/We agree to keep our offer open for a minimum of 120 (One Hundred Twenty) days from the date of opening of the Price bid. Further extension of validity will be our prerogative.

Should this tender be accepted, we hereby agree to abide by and fulfil all the terms and provisions of this Detailed Tender Call Notice (DTCN).

Thanking you.

Yours faithfully,

Name and Signature
of the authorised signatory
along with seal and address of the contractor.

SECTION-2 (E)**TENDER DECLARATION
[To be filled in by the tenderer]**

I/We hereby tender for the execution for the Governor of Odisha of the work specified in the enclosed memorandum at the rates given in the price bid and will complete the said work in all respects within the period as specified in the Detailed Tender Call Notice and in accordance with the specifications, designs and drawings and other documents referred to therein, which shall have to be approved by the **Public Health Engineering Department (PHED), Odisha**, and such other written instructions as may be given by the PHED, Odisha from time to time for duly carrying out of the said works and with such materials as are provided for in accordance with the conditions and special conditions hereto attached. I/We have inspected the work site and studied its conditions, labour, materials and have understood the tender implications fully.

Should this tender be accepted I/We hereby agree to abide by and fulfil all the terms and provisions of the said conditions and special conditions of the contract annexed hereto or in default thereof to forfeit and pay to the Governor of Odisha the sums of money mentioned in the said conditions and in the event of such default the transaction effected by this tender shall cease and determine.

Signature of Tenderer /
Contractor
(Seal)

SECTION-2(F)

**LETTER OF ACCEPTANCE OF TENDER
(To be filled in by Superintending Engineer, PHD, Koraput)**

The above tender is hereby accepted by me on behalf of the Governor of Odisha

Rs...../- (Rupees) only.

**Superintending Engineer,
P.H. Division, Koraput
Signed on behalf of the
Governor of Odisha**

SECTION-2(G)**MEMORANDUM****(To be filled in by the contractor during signing of Agreement)**

1.	Name of the work		Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27
2.	Approximate Cost	:	Rs.38,68,413/-
3.	Accepted tender Value	:	Rs.....
4.	Earnest Money Deposit /	:	Rs...../-
	Initial Security Deposit	:	
	A.P.S.	:	Rs...../-
5.	Percentage to be deducted from each Bill as security deposit	:	5%
6.	Time allotted for completion of the work (from the date of written order to commence)	:	4 Calendar months
7.	Date of written order to commence.	:	
8.	Total number of items of work tendered for (as per schedule attached hereto).	:	

Signature of Tenderer / Contractor

SECTION -3**INFORMATION REGARDING TENDERER
(To be filled in by the Tenderer)****A. In case of individuals:**

- i. Name of Tenderer :
- ii. Whether his business is registered :
- iii. Date of commencement of business :
- iv. Whether he pays income tax each year. :
If yes, furnish particulars.

B. In case of Partnership agency :

- i. Names of Partners :
- ii. Whether partnership is registered. :
- iii. Date of establishment of the agency. :
- iv. In case, income tax is paid by each Partner, the details to be furnished. :

C. In case of limited Liability Company :

- i. Amount of paid up capital. :
- ii. Names of Directors. :
- iii. Date of registration of the Company. :
- iv. Copies of the last three year's balance sheets of the Company. :

Signature of the Tenderer

SECTION-4**DECLARATION BY THE TENDERER**

1. I have visited the site and have fully been acquainted myself with the local situation regarding materials, labour and the factors pertaining to the work before submitting the tender.
2. I have carefully studied the conditions of the contract, specification and other documents of this work and I agree to execute the same accordingly.
3. I solemnly pledge that I shall be sincere in discharging my duties as responsible contractor and complete the work within the prescribed time limit. I shall submit detailed construction programme with target dates for various items and stages of work keeping in view the time limit and shall accordingly arrange for necessary labours, materials, and equipments etc., punctually. In case there are deviations from the construction programme, I shall abide by the decision of the Engineer-in-charge for revision of the programme and shall arrange for labour, materials, equipments etc
4. I shall follow all rules and regulations of the state in force with regard to engagement of labour for the work.
5. The documents furnished with the tender are correct to the best of my knowledge and belief and if any information found to be incorrect in future, the Department has the liberty to take any action as deemed fit.

Signature of the Tenderer

SECTION – 5**FORM OF AGREEMENT**

This contract made theday of..... to
 between the Governor of Odisha acting through (designation)
 Ministry of Department ofGovernment of Odisha (address)
 (name and address of employer) (hereinafter called “the employer” and

 (name and address of contractor) (hereinafter called “the Contractor”) of the other
 party).

WHEREAS the Employer is desirous that the contractor executes.

.....

 (Name and identification number of contract)
 (hereinafter called “the Works”) and the employer has accepted the Bid by the contractor for
 the execution and completion of such works and the remedying of any defects therein, at a
 contract price of Rs.....

NOW, THEREFORE IT IS HEREBY AGREED BETWEEN THE PARTIES AS FOLLOWS:

1. In this contract, words and expressions shall assume the same meanings as are respectively assigned to them in the conditions of Contract hereinafter referred to and they shall be deemed to form and be read and construed as part of the Agreement.
2. In consideration of the payments to be made by the employer to the contractor as hereinafter mentioned, the contractor hereby covenants with the Employer to execute and complete the works and remedy the defects therein in conformity in all aspects with the provision of the contract.
3. The Employer hereby covenants to pay the contractor in consideration of the execution and completion of the works and in remedying the defects wherein the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this contract, viz:
 - i) Letter of acceptance
 - ii) Notice to proceed with the works
 - iii) Contractor’s bid
 - iv) Bidding data
 - v) General conditions of contract (including special conditions of contract)
 - vi) Specifications
 - vii) Drawings
 - viii) Bill of quantities
 - ix) Any other documents listed in the contract data as forming part of the contract.
 - x) Drawing and design of structure(s) or part thereof submitted by the tenderer and duly approved by the competent authority after this Agreement.

IN WITNESS WHEREOF the parties have caused this contract to be executed the day and year first before written.

Binding signature of employer signed by.....
(for and on behalf of the Governor of Odisha)

Binding signature of Contractor signed by.....(for and
on behalf ofduly authorised vide Resolution No.....
dated..... of the Board of Directors of)

In the presence of
(Witnesses)

1.

2.

Contractor

Superintending Engineer

SECTION-6

CONDITIONS OF CONTRACT

6.1. Decision of Superintending Engineer is Final:

The party whose tender is accepted hereinafter called the contractor is to provide everything of every sort and kind (with the exceptions noted in the schedule attached) which may be necessary and requisite for the due and proper execution of the several works included in the contract according to the true intent and meaning of the drawings and specification taken together, which are to be signed by the **Superintending Engineer, P.H. Division, Koraput**, herein after called the Superintending Engineer and the contractor whether the same may or may not be particularly described in the specification or shown on the drawing provided that the same are reasonably and obviously to be inferred there from and in case of any discrepancy between the drawings and the specifications the Superintending Engineer is to decide which shall be followed.

6.2 Amendment of Errors during Progress of Work:

The contractor is to set out the whole of the works in conjunction with an officer to be deputed by the Superintending Engineer and during the progress of the works to amend on the requisition of the Superintending Engineer any errors which may arise therein and provide all the necessary labour and materials for doing. The contractor is to provide all plant labour and materials (with the exception noted in Schedule), which may be necessary and requisite for the works. All materials and workmanship are to be the best of their respective kinds. The contractor is to leave the works in all respects clean and perfect at the completion thereof.

6.3. Fair Wage Clause:

The contractor shall not employ for the purpose of this contract any person who is below the age of fourteen years, and shall pay to each labourer, for the work done by such labourer, fair wages. Fair wages means wages whether for time or piecework, prescribed by the State P.W.D. provided that where higher rates have been prescribed under the minimum wages Act, 1948, wages at such higher rates should constitute fair wages.

The Superintending Engineer shall have the right to enquire into and to decide any complaint alleging that the wages paid by the contractor to any labourer for the work done by such labourer is less than the wages paid for similar work in the neighbourhood.

The Officer-in-charge of the work shall have the right to decide whether any labourer employed by the contractor is below the age of fourteen years and to refuse to allow any labourer whom he decides to be below the age of fourteen years, to be employed by the contractor.

6.4. Approved Drawings & Specification of Site with Contractors Agent:

Complete copies of the drawing and specifications signed by the Superintending Engineer and the same or copies thereof are to be kept with the works in-charge of the contractor's agent which is to be constantly kept on the ground by the contractor and to whom instructions can be given by the Superintending Engineer.

6.5. Work not to be Sublet:

The work should not be sublet. During execution of work if it is found that the work/ part of the work is sublet, the Superintending Engineer may there upon by notice in

writing, rescind the contract and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of Government. In addition, the contractors shall not be entitled to recover or be paid for any work thereafter actually performed under the contract.

6.6. **Deviation from Approved Drawing and Specifications:**

The contractor is not to vary or deviate from the drawings or specifications or execute any extra work of any kind whatsoever unless upon the authority of the Superintending Engineer to be sufficiently shown by any order in writing, by any plan or drawing expressly given and signed by him as an extra or variation or by any subsequent written approval signed by him. In case of daily labour all vouchers for the same are to be delivered to the Superintending Engineer or the Officer-in-Charge at least during the week following that in which the work may have been done and no day work shall be allowed unless authorised by the Superintending Engineer and no such authority shall be given if the work is capable of being measured and being paid for at an agreed rate.

6.7. **Rate for Extra Work.**

Any authority given by the Superintending Engineer for any alterations or addition in or to the works is not to vitiate contract but all additions omissions or variations made in carrying out the works are to be measured and valued and certified by the Superintending Engineer and added to or deducted from the amount of the contract as the case may be at rates in accordance with the sanctioned schedule of rates in force at the time when the particular item of work was commenced. In those cases in which rates do not exist, the **Chief Engineer, P.H. (Urban), Odisha, Bhubaneswar** will fix the rates to be paid and his decision shall be final.

6.8. **Extension of Time:**

If the contractor shall desire an extension of time for completion of the work on the ground of his having been come across with unavoidable hindrance in its execution or any other grounds he shall apply in writing to Superintending Engineer within 30 days of the date of the hindrance on account of which he desires such extension as aforesaid and the authority shall if in his opinion (which shall be final) as reasonable ground be shown thereof authorized such extension of time if any, as may in his opinion, be necessary or proper. The authority shall at the same time inform the contractor whether the authority claims compensation for delay, in case there is any delay in execution due to non-availability of stock materials or land or rise in cost of materials and labour or any reason whatsoever beyond the control of authority, the contractor is bound to execute the work as per the terms and rates in the contract and no monetary claim on such account will be acceptable to the authority but extension of time, proportionate to the delay in execution may be granted by the authority considering the merit of the case. The competent authority reserves the right to take any expert advice of any Committee/ Secretary/ Legal Advisor while considering the application of the contractor for extension of time and can impose any condition which shall be binding on the contractor.

6.9. **Works & Materials at Site to be Property of Government of Odisha.**

All works and materials brought and left at site by the contractor or by his orders for the purpose of forming part of the works are to be considered to be the property of the **Governor of Odisha** and the same are not to be removed or taken away by the contractor or any other person without the specific permission in writing of the Superintending Engineer but the Governor of Odisha will not be liable for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or stolen or injured by weather or otherwise.

6.10. Supply of Materials:

The contractor shall at his own expense provide all materials required for the work. The materials supplied by the contractor shall conform to relevant latest editions of the specification and codes of practices of the Bureau of Indian Standards or in their absence to other specifications as may be specified by the Engineer-in-charge. The contractor shall furnish necessary certificates in support of the quality of the materials as may be required by the Engineer-in-charge.

The Contractor shall have to purchase the materials necessary for execution of work contract from local rate contract holders having ISI mark.

The Engineer-in-charge shall have absolute authority to test the quality of materials at any time through any reputed laboratory at the cost of contractor. The contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

The Superintending Engineer has full power for removal from the premises of all materials which, in his opinion, are not in accordance with the specification and in case of default, the Superintending Engineer is to be at liberty to sell such materials and to employ other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Superintending Engineer is also to have full power to require other proper materials to be substituted and in case of default, the Superintending Engineer may cause the same to be supplied and all costs which may attend such removal and substitution are to be borne by the contractor and may be recovered from the sale proceeds of such rejected materials when necessary, the balance, if any, being kept in deposit in the contractor's favour.

6.11. Execution with Defective Workmanship & Improper Materials.

If in the opinion of the Superintending Engineer any of the works have been executed with improper materials or defective workmanship, the contractor is then required by the Superintending Engineer forthwith to re-execute the same and to substitute proper materials and workmanship and in case of default of the contractor in so doing within a week, the Superintending Engineer is to have full power to employ other agency to re-execute the work and the cost thereof shall be borne by the contractor.

6.12. Rectification of Defects within Guarantee Period:

Any defects, shrinkage or other faults which may appear within 12 (twelve) months from the completion of the work arising out of defective or improper materials or workmanship are upon the direction of the Superintending Engineer to be amended and made good by the contractor at his own cost unless the Superintending Engineer for reasons to be recorded in writing shall decide that they ought to be paid for and in case of default, the Governor of Odisha may recover from the contractor the cost of making good the works.

6.13. Responsibility of the Contractor during Execution of Work:

From the commencement of the works to the completion of the same they are to be under the contractor's charge. The contractor is to be held responsible for and to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they are to hold the Governor of Odisha harmless from any claims for injuries to persons or for structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or of any one of his employees during the execution of the works.

6.14. Execution of Works in the Site by Other Workmen:

The Superintending Engineer is to have full powers to send workmen upon the premises to execute fittings and other works not included in the contract for whose operations the contractor is to afford every reasonable facility during ordinary working hours provided that such operations shall be carried on in such a manner as not to impede the progress of the work included in the contract but the contractor is not to be responsible for any damage which may happen to or be occasioned by any such fittings or other works.

6.15. Compensation for Delay:

- (a) The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the written order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract, be carried on with all due diligence (time being deemed to be essence of the contract on the part of the contractor) and the contractor shall pay, as compensation, an amount equal to $\frac{1}{2}$ percent of the amount of the estimated cost, if the whole work as shown by the tender for every day that the work remains un-commenced, or un-finished after the proper dates (The work should not be considered finished until such date as the Superintending Engineer shall certify as the date on which the work is finished after necessary rectification of defects as pointed out by the Superintending Engineer or his authorised agents, are fully complied with by the contractor to the Superintending Engineer's satisfaction). And further to ensure good progress during the execution of the work, the contractor shall be bound, in all cases in which the time allowed for any work exceeds one month, to complete one-fourth of the whole of the work before one fourth of the whole time allowed under the contract has elapsed, one half of the work, before the half of such time has elapsed, and three fourth of work before three fourths of such time has elapsed, in the event of the contractor failing to comply with the condition he shall be liable to pay as compensation an amount equal to one-third percent on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete. Provided that the entire amount of compensation to be paid under the provision of this clause shall not exceed 10% (Ten Percent) of the estimated cost of the work as shown in the tender.
- (b) If there are possibilities of exceeding this compensation amount as mentioned in clause (a) 10% of the estimated cost, or in any case in which under any clause or clauses of this contract, the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit in the hands of Government (whether paid in the sum or deducted by instalments) the Superintending Engineer on behalf of the Governor of Odisha, shall have power to adopt any of the following courses, as he may deem best suited to the interest of the Government.
 - i) To rescind the contract (of which recession notice in writing to the contractor under the hand of the Superintending Engineer shall be conclusive evidence) 20% of the value of the left over work will be realised from the contractor as penalty.
 - ii) To employ labour paid by Deptt. of Water Resources and to supply materials to carry out the work, or any part of the work, debiting the contractor with the cost of the labour and the price of the materials (of the amount of which the cost and price certificate of the Superintending Engineer shall be final and conclusive against the contractor) and crediting him with the value of the work done, in all respect in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract; the certificate of the

Superintending Engineer as to the value of the work done shall be final and conclusive against the contractor.

- iii) To measure up the work of the contractor and to take such part of the work of the contract, as shall be unexecuted out of his hands and to give it to another contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him (of the amount of which excess the certificate in writing of the Superintending Engineer shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by Government under the contract or otherwise or from his security deposit or the proceeds of sale thereof or a sufficient part thereof.

In the event of any of the above courses being adopted by the Superintending Engineer the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advance on account of with a view to the execution of the work or the performance of the contract. And in case the contract shall be rescinded under the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work there to for actually performed under this contract, unless and until the Superintending Engineer shall have certified in writing the performance of such work and the value payable in-respect thereof and he shall only be entitled to be paid the value so Certified.

6.16. Circumstances for Rescission of Contract:

If the contractor shall become bankrupt or compound with or make any assignment for the benefit of his creditors or shall suspend or delay the performance of his part of the contract (except on account of cause mentioned in **Clause 6.15** or in consequence of not having proper instructions for which the contractor shall have duly applied) the Superintending Engineer may give to the contractor or his assignee or trustee as the case may be notice requiring the works to be proceeded with and in case of default on the part of the contractor for a period of seven days, it shall be lawful for the Superintending Engineer to rescind the contract, if necessary, and to enter upon and take possession of the work and to employ any other person to carry on and complete the same and to authorise him or them to use the plant, materials and property of the contractor upon the works and the costs and the charge incurred in any way in carrying on and completing the said works are to be paid to the Superintending Engineer by the contractor or may be set off by the Superintending Engineer against any money due or to become due to contractor. If the assignee or trustee of the Contractor proceeds with the work, the conditions of this contract shall be binding upon the said assignee or trustee.

6.17. Payment Certificate.

A Certificate of the Superintending Engineer or an award of the refer hereinafter referred to as the case may be showing the final balance due or payable to the contractor is to be conclusive evidence of the works having been duly completed and that the contractor is entitled to receive payment of the final balance, but without prejudice to the liability of the contractor under the provisions of **Clause-6.11**.

- 6.18. The Superintending Engineer shall make payment of work in full or part thereof those shall have been certified, subject to availability of funds.

6.19. Price Escalation Clause:

- (a) **Contract price shall be adjusted for increase or decrease in rates and price of Labour, Cement, Steel, Bitumen, Pipes, POL & other materials component in accordance with the following principles and procedures as per formula given below :-**

- (a)(i) **REIMBURSEMENT/RECOVERY DUE TO VARIATION IN PRICES OF MATERIALS OTHER THAN (STEEL, CEMENT, BITUMEN, PIPES & P.O.L)**

If during the progress of the work the price of any materials (Excluding the cost of steel, Cement, Bitumen & P.O.L) incorporated in the work (not being materials supplied from the Engineer-in-charges store) in accordance with clause there of increases or decreases as a result of increase or decrease in the Average wholesale price Index (all commodities) and the contractor there upon necessarily and properly pays in respect of the materials in the work such increased or decreased price, then shall be entitled to reimbursement or liable to refund, quarterly as the case may be such an amount, as shall be equivalent to the plus or minus difference of 85% in between the Average Wholesale price Index (all commodities) which is operating for the quarter under consideration and that operated for the quarter in which the bid was received (last date of receipt) as per the formula indicated below provided that the work has been carried out with in the stipulated time or extension thereof as are not attributable to him. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on the above materials on the value of works executed during the extended period.

This clause will be applicable to the contracts where original stipulated period of completion is more than 4 (Four) months.

In the situation where the period of completion is initially stipulated in the agreement as less than 4 (Four) months but subsequently the completion period has been validly extended on the ground that the delay in completion is not attributable to the contractor and in the result the total period including the extended period stands more than 18 (eighteen) months or more, price escalation for other materials is admissible only for the remaining period excluding 18(eighteen) months there from.

Formula to calculate the increase or decrease in the price of materials :-

Price adjustment for increase or decrease in cost of materials other than Cement, steel, bitumen, pipes and POL procured by the contractor shall be paid in accordance with the followings formula :

$$V_m = 0.85 \times P_m / 100 \times R \times (M_i - M_o) / M_o$$

V_m = Increase or decrease in the cost of work during the quarter under consideration due to changes in rates of materials other than Cement, Steel, Bitumen, Pipes and POL

R = Value of Work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/derived rates.

M = The all India wholesale price index (all commodities) prevailed during the quarter of last date of receipt of bids (as published by the Economic Adviser to Govt. of India, Ministry of Industry and commerce, New Delhi)

M_i = The all India wholesale price index (all commodities) for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and commerce, New Delhi. In respect of the Justified period extended for completion of the work, the index prevailing at the time of stipulated date of completion or the prevailing index of the period under consideration, whichever is less, shall be considered.

P_m = Percentage of materials component (other than Cement, Steel, Bitumen, Pipes and POL) of the work, as indicated in clause – 31 (d) below.

(a)(ii) **REIMBURSEMENT/RECOVERY OF DIFFERENT COST DUE TO VARIATION IN PRICES OF PRINCIPAL MATERIALS (STEEL, CEMENT, BITUMEN AND PIPES NOT ISSUED BY DEPARTMENT) AFTER SUBMISSION OF TENDER:**

If after submission of the tender, the prices of steel, cement, bitumen and pipes (not being supplied by the department) increases/decreases beyond the price (s) prevailing at the time of the last date for submission of tenders including extension for the work, the contractor shall be eligible to get differential cost due to such hike on the value of works executed during the stipulated period and during the extended period when the reason of delay in completion of the work is not attributable to the Contractor. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price variation of the above materials on the value of works executed during the extended period.

Reimbursement in case of differential cost due to increase in price of cement, steel, bitumen and pipes are to be made by the Superintending Engineer with prior approval of tender accepting authority subject to following conditions:

1. Contractors have to submit the vouchers showing procurement of different materials from authorized dealers for the said work.
2. Differential cost will be allowed only for the works which are progressed as per the approved work programme / revised work programme duly approved by the Engineer in charge.

Recovery in case of decrease in prices of cement, steel, bitumen & pipes shall be made by concerned Superintending Engineer from the Contractor immediately.

a) **Adjustment towards differential cost of Cement.**

V_c = $(C_i - C_o)/C_o \times$ Actual quantity of cement utilized in the work during the quarter under consideration $\times$ base price of cement as prevailing on the last stipulated date of receipt of tender including extension, if any.

V_c = Differential cost of cement i.e amount of increase or decrease in rupees to be paid or recovered.

C_i = All India Wholesale price index for cement for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and Commerce, New Delhi.

C_o = All India wholesale price index (as published by Economic Adviser, Govt. of India Ministry of Industry and commerce, New Delhi) for cement as prevailing on the last stipulated date of receipt of tender.

b) Adjustment towards differential cost of Steel.

V_s = $(S_i - S_o) \times$ Actual quantity of steel utilized in the work during the quarter under consideration.

V_s = Differential cost of steel i.e amount of increase of decrease in rupees to the paid or recovered.

S_i = Cost of the steel as prevailed during the period under consideration as fixed by steel authority of India.

S_o = Base price of steel prevailing as on the last date of submission of tender including extension, if any.

c) Adjustment towards differential cost of Bitumen.

V_b = $(B_i - B_o) \times$ Actual quantity of Bitumen utilized in the work during the quarter under consideration.

V_b = Different cost of Bitumen i.e amount of increase decrease in rupees to be paid or recovered.

B_i = Average cost of Bitumen prevailed during the period under consideration as fixed by IOCL/BPCL/HPCL.

B_o = Base price of bitumen as prevailing on the last stipulated date of receipt of tender including extension, if any.

d) Adjustment towards different cost of pipes.

V = $0.85 \times P_p/100 \times R (P_i - P_o)/P_o$

V_p = Differential cost of pipe i.e amount of increase or decrease in rupees to be paid or recovered during the quarter under consideration.

P_p = Percentage of pipe component of the work as indicated in the clause 31 (b).

R = Value of work done during the quarter under consideration excluding the value of work executed under extra items, if any, at prevailing schedule of rates or derived rate.

P_i = All India wholesale price index for the period under consideration as published by Economic, Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi, for the type of pipe under consideration.

P_o = All India wholesale price index (as published by Economic Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi) as on the last stipulated date of receipt of tender including extension, if any, for the type of pipe under consideration.

(b) REIMBURSEMENT/REFUND DUE TO STATUTORY RISE IN COST OF MINIMUM WAGES BY GOVERNMENT :

If after submission of the tender, the wages of labour increases or decreases as a direct result of the coming into force of any fresh law, or statutory rule or order beyond the wages prevailing at the time of the last date of submission of tenders including extension, the contractor shall be eligible to get escalation due to such hike on the value of works executed during the stipulated period and during the validly extended period when the delay in completion is not attributable to the Contractor. It penalty is levied for delayed completion of the work; the contractor shall not be eligible to get escalation on labour on the value of works executed during the extended period.

The contractor shall within a reasonable time of his becoming aware of any alteration in the price of any such wages of labour, give notice thereof to the Engineer-in-charges stating that the same is given pursuant to this condition together with all information relating there to which he may be in a position to supply Engineer-in-charge may call books of account and other relevant documents from the contractor to satisfy himself about reasonability of increase in prices of wages and actual payment thereof for this purpose, the labour component of the work executed during period under consideration shall be the percentage (as specified in table below) of the value of work done during that period and the increase/decrease in labour shall be considered on the cost of minimum daily wages of any unskilled labourer, fixed by the Government of Odisha under Minimum wages act.

The compensation for escalation for labour shall be work out as per the formula given below:

$$V_i = 0.85 \times P_i/100 \times R \times (L_i - L_o)/L_o$$

V_i = Increase or decrease in the cost of work during the quarter under consideration due to changes in rates minimum wages.

R = Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate / derived rates.

L_o = The minimum wages for labour as notified by State Government, as prevailing on the last stipulated date of receipt of tender including extension, if any.

L_i = The minimum wages for labour as notified by state government & as prevailed on the last date of the quarter previous to the one under consideration. In respect of the justified period extended, the minimum wages prevailing on the last date of quarter previous to the quarter pertaining stipulated date of Completion or the minimum wage prevailing on the last date of the quarter previous to the one under consideration, whichever is less, shall be considered)

P_i = Percentage of labour component of the work, as indicated in the clause 31 (d).

(c) REIMBURSEMENT/REFUND DUE TO VARIATION IN PRICES OF P.O.L:

Similarly, if during the progress of work, the prices of Diesel, Petrol, Oil and Lubricants increases or decreases as a result of the price fixed there of by the Government of India and the Contractor thereupon necessarily and properly pays such increased or decreased price towards Diesel, Petrol, Oil and Lubricants used in the execution of the work, then he shall be entitled to reimbursement of liable to refund,

quarterly, as the case may be such an amount as shall be equivalent to the plus or minus difference of 85% in between the price of P.O.L, which is operating for the quarter under consideration and that operated for the quarter of last date of receipt of bids as per the formula indicated below provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to him. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on POL on the value of works executed during the extended per.

Formula to calculate the increase or decrease in the price of P.O.L.

$$V_f = 0.85 \times P_f / 100 \times R \times (F_i - F_o) / F_o$$

V_f = Increase or decrease in the cost of work during the quarter under consideration due to Changes in rates for P.O.L.

P_f = Percentage of P.O.L. Component of the work, as indicated in clause – 31 (b) below.

R = All India wholesale price index for Fuel, Oil & Lubricant (High speed diesel) for the quarter under consideration as published by Economic Adviser, Govt of India, Ministry of Industry and commerce, New Delhi. In respect of the Justified period extended, the rates prevailing at the time of stipulated date of completion or the prevailing rates of the period under consideration, whichever is less, shall be considered.

F_o = All India whole dale price index for Fuel, Oil & Lubricant (High speed diesel) as prevailing on the last stipulated date of receipt of tender including extension, if any.

(d) The following percentages will govern the price adjustment for the entire contract for different type of work as applicable given in the following table.

Percentage Table.

Sl. No.	Category of work			% Component (Cost wise)		
				Labour (P _i)	POL (P _f)	Steel + Cement + Bitumen + other materials*
1	R&B work (% of component)	Road work		5	5	90
		Bridge work		25	5	70
		Building works	-	25	-	75
2	Irrigation work (% of Component)	Structural work		20	5	75
		Earth, Canal & Embankment work		25	10	65

3	P.H. work	Structural work	25	5	70
		Pipe line work	5	-	<u>Pipe – 70%</u> *other materials -25%
		Sewer line	10	-	<u>Pipe – 70%</u> *other materials -20%

***Note :- Further break up may be worked out considering the consumption of Cement, Steel, Bitumen and pipe in the concerned work for the period under consideration.**

(e) APPLICATION OF ESCALATION CLAUSE :

(i) The contractor shall for the purpose of availing reimbursement/refund of differential cost steel, bitumen, cement, pipe, POL and wages, keep such books of account and other documents as are necessary to show that the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of Government and further, shall at the request of the Engineer-in-charge, furnish documents to be verified in such a manner as the Engineer-in-charge may require any document and information kept. The contractor shall within a reasonable time of 15 days of his becoming aware of any alteration in the price of such materials wages of labour and or price of P.O.L give notice thereof to the Engineer-in-charges stating that the same is given pursuant to this condition alongwith information relating there to which he may be in a position to supply.

(ii) The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done as per bills paid during the three calendar months of the said quarter. The first such payment shall be made at the end of three months after the month (excluding the month in which tender was accepted) and thereafter at three months interval. At the time of completion of the work, the last period for payment might become less than 3 months depending on the actual date of completion.

(f) The payment of escalation will be made on the works executed as per approved work programme or actual execution whichever is less.

(g) The contractor has to execute supplementary agreement for the purpose of payment towards labour escalation.

6.20. If at any time after the commencement of the work the Governor of Odisha shall for any reason whatsoever not require the whole thereof as specified in the tender to be carried out the Engineer-in-charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage, which he might have derived from execution of the work in full but which he did not derive in consequence of the full amount of the work not having been carried out, neither shall he have any claim for compensation by reason of any alterations having been made in the original specification, drawings, designs and instruction which shall involve any curtailment or increase of the work as originally contemplated.

Incentive for Early Completion:

Amendment to para 3.5.5 (V) of Note-II of OPWD Code-Vol-I by modification.

For availing incentive in any project which is completed before the stipulated date of completion subject to other stipulations it is mandatory on the post of the concave officer to report the actual date of completion of the project as soon as possible to their next higher authorities. Assessment of incentives may be worked in the following scales.

Before 30% of contract period – 5% of contract value.

Before 20% to 30% of contract period – 4% of contract value.

Before 10% to 20% of contract period – 3% of contract value.

Before 5% to 10% of contract period – 2% of contract value.

Before 5% of contract period – 1% of contract value.

6.21. Defects Liability Period:

The defect liability is **12 months** from the date of final commissioning of the work by the Engineer-in-charge.

6.22. Contractor Liable for Damage done & for Imperfection for 6 (six) months after Certificate:

If the contractor or his work people or servants shall break, deface, injure or destroy any part of a building or structure in which they may be working or any building, road, fence, enclosure or grass land cultivated ground continue to the premises on which the work or any part of it is being executed or in any damage shall happen to the work while in progress from any cause whatsoever or any imperfection become apparent in it within six months from the date of the final certificate of its completion shall have been given by the Engineer-in-charge, as aforesaid, the contractor shall make the same good at his own expenses or in default the Engineer-in-charge may cause the same to be made good by other workman and deduct the expenses of which the certificate of the Engineer-in-charge shall be final from any sums that may be then or at any time thereafter may become due to the contractor or from his security or the proceeds of sale thereof or a sufficient portion thereof and the contractor shall be liable to pay of the expenses not so recovered by the Engineer-in-charge.

6.24. Action where No Specification is mentioned:

In the case of any class or items of works for which there is no such specification as mentioned in file, if such work shall be carried out in accordance with the detailed standard specification of Odisha, as followed by the State PWD and in the event of there being no specifications born in the said standard specification of Odisha for such items of work, then in such case the said item of work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-charge after obtaining approval from competent authority.

6.25. Payment on Intermediate Certificate to be regarded as Advance and Bill to be submitted Monthly:

A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer-in-charge for all works executed in the previous month and the Engineer-in-charge and/or Assistant Engineer and/or Junior Engineer in immediate charge of the work shall take the requisite measurements for the purpose of having the same verified, and the claims for as admissible adjusted if possible before the expiry of ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer-in-charge and/or his Engineering subordinates shall measure up the said work in the presence of the contractor, whose

counter signature to the measurement list will be sufficient warrant, and the Engineer-in-charge and/or Assistant Engineer and/or his Engineering subordinates shall prepare a bill from such list which shall be binding on the contractor in all respects. Payment shall be made to the contractor in all respects.

The Engineer-in-charge will deduct @ 5% (five percent) of the value of each running bill prepared and submitted by the contractor, if any, on account of works done, and such sum or sums to be held in deposit as a further security for the due performance of the condition of the contract provided always that the Superintending Engineer may refuse to make such monthly payments if in his opinion, the progress of the work or the conduct of the contractor is not satisfactory or the contractor has in any other way done or neglect to do anything as to make it appear doubtful to the authority as to whether the works will be completed by the contractor in accordance with his contract, or has failed to comply with any instruction or order of Engineering personnel. All such interim payments from time to time shall be regarded as payments by way of advance against the final payment only and not as payments of work actually done and completed and shall not preclude the requirement of bad, unsound and imperfect or unskilful work to be removed and taken away and for reconstructed or re-erected, or be considered as an admission of the due performance of the contract, of any part thereof in any respect, or accrual of any claim nor shall it conclude, determine or affect in any way the powers of Engineer-in-charge and/or Assistant Engineer and/or the Junior Engineer under these conditions or any of them as to the final settlement or adjustment of the accounts or otherwise or in any other way vary or affect this contract. The contractor shall submit the final bill within one month of the date for completion of the work failing which the Engineer-in-charge or his authorized representatives in the presence of the contractor shall prepare the final bill. For recording final measurement of the work, the Engineer-in-charge or his authorized representative shall serve a notice upon the contractor stipulating therein the date fixed for recording such measurement. If the contractor fails to attend the recording of final measurement by the Engineer-in-charge or his authorized representative on the date as stipulated, the Engineer-in-charge may at his discretion get the measurements recorded ex-parte or fix up another date as per his own convenience. Such measurements and the total amount payable to the contractor as certified by the Engineer-in-charge shall be final and binding on all parties.

6.26. Black Listing:

A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter No.3365 Dt.01.03.2007 of Works Department, Odisha. As per said amendment a Contractor may be blacklisted.

- a) Misbehavior/threatening of Departmental & supervisory officers during execution of work/tendering process.
- b) Involvement in any sort of tender fixing.
- c) Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.
- d) Persistent and intentional violation of important conditions of contract.
- e) Security consideration of the State i.e., any action that jeopardizes the security of the State.
- f) Submission of false/ fabricated / forged documents for consideration of a tender.

SECTION-7

SPECIAL CONDITIONS OF CONTRACT

7.1. Changes in Constitution of Firm:

In the case of tender by a partnership firm, any change in the constitution of the firm shall be forth with notified by the agency to the Superintending Engineer/Additional Chief Engineer/ Chief Engineer for his information. In case of failure to notify the change in the constitution within 15 days, the Superintending Engineer/Additional Chief Engineer/ Chief Engineer may by notice in writing, rescind the contract and the security deposit of the agency shall thereupon stand forfeited and be absolutely at the disposal of the Governor of Odisha and the same consequence shall ensure as if the contract had been rescinded thereof and in addition the agency shall not be entitled to recover or be paid for any work there for actually performed under the contract.

7.2. Engineer's Access to Work:

The Superintending Engineer is to have at all times access to the works, which are to be entirely under his control. He may require the agency to dismiss any person in the agency's employee upon the works who may be incompetent or misconduct him-self and the agency is forthwith to comply with such requirements. Other supervising officers shall have all time access to the works.

7.3. Workmen Compensation Act VIII of 1923:

The Governor of Odisha shall be entitled to recover in full from agency any amount that the Governor of Odisha may be liable to pay under Workman's Compensation Act VIII of 1923 to any workman employed in course of execution of any part of the work covered by this contract.

7.4. Jurisdiction in the Event of Dispute:

That for the purpose of jurisdiction in the event of dispute if any, the contract should be deemed to have been entered into within the State of Odisha and it is agreed that neither party to this agreement will be competent to bring a suit in regard to the matters covered by this contract at any place outside Odisha.

7.5. Lighting & Sanitary Arrangement:

Lighting & Sanitary arrangement and supply of drinking water will be made by the Agency at his own cost for his labour camp.

7.6. Payment of Duties, Levies & Taxes:

The Agency shall bear all Taxes including Duties, Levies, Central and State GST Tax including work Contract Tax, Entry Tax, Income Tax, Royalties, Fair Weather Charges and Tollages where necessary & **Government of Odisha** shall not entertain any claim whatsoever in this respect. Statutory deduction of taxes as applicable shall be done from each running bill.

7.7. The Building & Other Construction Workers Welfare Cess Act 1996.

In accordance with the provisions under the said Act 1% (One) of the approved agreement value will be deducted from the R/A Bill at the time of making payment to the agency and such amount shall be remitted in favour of The Odisha Building & Other Construction Workers Welfare Board.

7.8. **Site Clearance:**

After the work is finished or completed, surplus materials and debris are to be removed by Agency at his own cost and preliminary works such as GST, mixing platforms, level pillars, temporary sheds and go-downs etc. are to be dismantled and all such materials removed from site. The site involved in the construction activities should be cleared and dressed properly with outward slope away from the structure. After the work is completed in all respects as per the contract, the agency shall vacate the site within three months from the date of completion & commissioning, by making good the damages if any.

7.9. **Works to be Carried Out:**

The work to be carried out under the contract shall include all materials, labour, tools and plants, equipment and transport which may be required in preparation of and for in the full and entire execution and completion of the works. The description given in the schedule of quantities/scope of work shall, unless otherwise stated, be held to include wastage on materials, carriage & cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

7.10. **Sufficiency of Tender:**

The agency shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the schedule of quantities (DTCN & Price Bid), which rates and prices shall, except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and commissioning of the works.

7.11. **Rates:**

The Tenderer shall quote their offer on '**Percentage**' rate for the complete work in all respects on (Turnkey Basis). The offer shall be inclusive of cost of all materials, labour, T&P. Workers welfare cess with surcharge, entry tax, tollages, royalties, packing and forwarding, transportation, insurance, loading & unloading, storage, watch and ward, delivery of the materials to the site etc. and all other expenses incidental thereto for successful completion, testing & commissioning of the work. On works contract GST shall be paid extra as applicable.

7.12. **Transportation:**

The agency shall be responsible for the transportation of all materials, tools and plant, equipment and machinery to the work site as may be required at site.

7.13. **Custody of the Materials:**

The agency shall be responsible for safe custody of the materials at site and the Governor of Odisha will not be responsible for any loss or damage of the property at site.

7.14. **Construction Schedule:**

The agency shall submit a detailed work schedule in the form of **Bar Chart** along with his tender indicating the detailed break-up of the job. This will include all operations from submission of design & drawing, procurement of materials, construction to final testing & commissioning at site to be indicated in detail with reference to the time period for each.

The construction schedule as submitted by the agency shall be revised by the Superintending Engineer and approved with necessary modification if any after

acceptance of the tender. However the Engineer-in-Charge shall reserve the right to modify the sequence of execution of different items/components/sub-items of the project as and when found necessary & in such cases it will be obligatory on the part of the successful bidder to abide by such changes in construction schedule/bar chart as per direction of EIC. No claim and/or condition should either be put forth in any manner by the successful bidder or shall be acceptable to the EIC.

7.15. Security Deposit:

The tenderer whose tender is selected for acceptance shall make an security deposit of **2% (two percent)** of the accepted tender amount together with the earnest money deposited with the tender which forms the initial security deposit (ISD) within 7(seven) days of receipt of letter of intent and sign the agreement in the prescribed form within **10 (ten) days** of receipt of letter of intent after depositing the balance ISD. The ISD shall be deposited in shape of **NSC/ Postal Office Savings Bank Account/ Post Office Time Deposit Account / Kishan Vikash Patra/ Bank Guarantee in favour of the Divisional Officer from any Nationalized Schedule Bank in India counter guaranteed by its local Branch at Bhubaneswar/ e-Bank Guarantee executed on the National e-Governance Services Limited (NeSL) Digital Document Execution Portal/ Insurance Surety Bond issued by an Insurance Company authorized by the Insurance Regulatory and Development Authority of India (IRDAI) as Lr.No.4909 Dtd.12.03.2026 of Works Department, Govt. of Odisha** duly pledged in favour of the **Superintending Engineer, P.H. Division, Koraput**. No tender shall be accepted unless required amount of security money is deposited.

In addition to the **ISD, 5%** of the bill amount shall be deducted from each bill towards the security deposit. The earnest money deposit, the initial security deposit before and after acceptance of tender together with the subsequent deduction from the agency's bill shall form part of the security deposit equivalent to 7% of the contract value for the due fulfilment of the contract.

The security deposit of the agency shall be refunded only 12 (twelve) months after the date of completion of the work provided the final bill has been paid and defects if any rectified.

If however there is inevitable delay in payment of final bill, the earnest money deposit and initial security deposit forming part of the security deposit may be refunded on orders of competent authority.

7.16. Monitoring of the Project:

Time is the essence of the contract. The execution of the project shall be closely monitored to ensure that quality; cost & time of the project are not compromised in any manner.

The agency shall submit monthly progress reports in a format as may be prescribed by the Engineer-in-charge. The monthly progress report shall be evaluated by the Superintending Engineer vis-à-vis the approved bar chart & PERT Chart and any deficiency observed thereto shall be communicated to the agency. The agency shall have to make up the deficiencies within the specific time period communicated to him by the Superintending Engineer failing which the agency shall be liable for action as per **Clause -7.26**.

In addition, the agency shall submit monthly day-wise work program one month in advance to Superintending Engineer for approval under intimation to the Additional Chief Engineer, PH Circle, Bhawanipatna & Chief Engineer, P.H. (U) Odisha, Bhubaneswar to ensure speedy implementation of the work and effective monitoring at all levels. Failing to do so shall also invite action under **Clause - 7.26**.

7.17. Site Order Book:

A site Order Book shall be issued to the agency by the Engineer-in-charge or his representative. The agency shall keep this Book always at site and any special order or instruction to be issued to the agency shall be recorded in this Book by the Engineer-in-charge or his representative. The agency shall sign all orders and instructions as token of his knowledge about the same. The site Order Book shall be the property of the department but will remain during the period of the progress of the work with the agency. The safe custody of the site Order Book during this period shall be the responsibility of the agency. After completion of the work, the Book shall be returned back by the agency to the Engineer-in-charge, which will be enclosed in the final bill.

7.18. Guarantee:

Default liability period is **12 (twelve) months** from the date of final acceptance of the work conforming to provisions in scope of work. During this period, the agency shall replace the defective materials if any or rectify the defects if any at his own cost as pointed out by the Engineer-in-charge to the satisfaction of the later. An amount @5% of the agreement value shall be deducted towards guarantee and the same shall be released after the guarantee period on receipt of successful report / certificate from the Engineer-in-charge.

7.19. Land:

The department may provide land if available for construction of site office to the agency on payment of usual rent.

7.20. Unilateral Stoppage of Work:

Unilateral stoppage of work by the agency without prior written permission of the Engineer-in-charge shall be considered as breach of contract and the Governor of Odisha reserves the right to take such actions as it may be deemed fit.

7.21. Resident Engineer:

The agency shall engage for this work competent, qualified and authorised resident Engineers and Assistants to the satisfaction of the Engineer-in-charge. The Resident Engineer shall represent the agency in his absence in receiving directions from officers of the Department, which will be binding on the agency.

7.22. Force Majeure:

Neither the agency nor the Superintending Engineer shall be considered in default in delayed performance of its obligation if such performance is prevented or delayed because of work to hostilities, revolution, civil commotion, epidemic, accident, fire, cyclone, flood, earthquake or because of any law and order proclamation, regulations or ordinance of the Government thereof or because of any act of God or for any cause beyond reasonable control of the party affected. Should one or both the parties be prevented from fulfilling their contractual obligations a state of force majeure lasting continuously for a period of 6 months, the two parties shall consult each other regarding the future execution of the contract for mutual settlement.

7.23. Damages to Persons and Property:

The agency shall take every precaution not to damage or injure adjoining or other property of any persons. He shall indemnify and keep indemnified the employee against all claims for injuries or damages to any person or any such property (including surface or land or crops in site) which may arise out of or in consequence of any negligence or default on the representatives and against all claim, demands proceedings damages, costs, charges and expenses whatsoever in respect of or in relation thereto. The Department does not take any responsibility on this account.

7.24. **Attention to Urgent Works:**

If any urgent work in the opinion of Engineer-in-charge becomes necessary to be executed and the agency is unable and unwilling at once to carry out, the Engineer-in-charge may by his own or through other agency carry it out, as he may consider necessary. All expenses incurred on it shall be recoverable from the agency or be adjusted against any sum payable to him.

7.25. **Safety Devices:**

- i) **Scaffolding:** Suitable scaffolding shall be provided for workmen for all works that can not be safely done from the ground or solid construction except such short period of work as can be done safely from the ladders. When a ladder is used an extra labour shall be engaged for holding the ladder and if the ladder is used in carrying the materials, suitable foot holds and handholds shall be provided on the ladder.
The Engineer-in-charge will have the right to inspect the scaffolding and centring etc. for the work and can reject partly or fully such structure if found defective in his opinion.
- ii) **Working Platforms:** Working platforms, gangways and stairways shall be constructed such that they do not sag unduly or unequally. If the height of the platforms or gangway or stairway is more than 3.25 meters above the ground or floor level, it shall be closely guarded, have adequate width and suitably fenced.
- iii) **Safe means of access:** Safe means of access shall be provided to all working platform and other working places.
- iv) **Precaution against Electrical Equipment:** Adequate precaution shall be taken to prevent danger from electrical equipment. Hand lamps shall be provided with Mesh guard, wherever required.
- v) **Preventing Public from Accident:** No materials on any of the sites shall be so stacked or placed as to cause danger or inconvenience to any person or public. The agency shall provide all necessary fencing and light to protect the public from accident and shall be bound to bear expenses of defence or any suit action or other proceedings at law that may be brought by any persons for injury sustained owing to neglect of the above precaution and to pay any damages and cost which may be awarded in any such suit action or proceedings to any such person or which may with the consent of the agency, be paid to compromise any claim by any such person. The agency not to come cause blockage of traffic /disruption of the traffic.
- vi) **Demolition :** Before any demolition work is commenced and also during process of work:
 - a) All roads and open areas adjacent to the work site shall either be closed or suitably protected,
 - b) No electric cable or apparatus which is liable to be a source of danger shall remain electrically charged,
 - c) All practical steps shall be taken to prevent danger to persons employed from the risk of fire, explosion or flooding,
 - d) No floor roof or other parts of the building shall be so over loaded with debris or materials as may render it unsafe.
- vii) **Personal safety equipment:** All personal safety equipment shall be made adequately available by the agency for use of persons employed at the site of work and maintained in a condition suitable for immediate use. The agency shall take adequate steps to ensure proper use of the equipment by persons concerned.

- viii) **Precaution against fire:** Suitable fire extinguishers, water and sand buckets shall be provided at the work site to tackle situations of fire.

7.26. **Rescission of Contract:**

Subject to other provisions contained in this clause the Superintending Engineer of the Department may without prejudice to his any other rights or remedy against the agency in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, recommend the accepting authority to rescind the contract in any of the following cases:

- i) If the **agency** having been given by the Superintending Engineer a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workmen like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.
- ii) If the agency being a company shall pass a resolution on the court shall make an order that the company shall be wound up or if a receiver or a **manager** on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle to court to make a winding up order.
- iii) If the agency has, without reasonable cause, suspended the progress of the work with due diligence so that in the opinion of the Superintending Engineer (which shall be final & binding) he will be unable to secure completion of the work by the date of completion and continues to do so after a notice in writing of seven days from the Superintending Engineer.
- iv) If the agency fails to comply with the provisions of **Clause-7.15** & other relevant clauses mentioned elsewhere in this DTCN.
- v) If the agency fails to complete the work within the stipulated date or items of the work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Superintending Engineer.

When the agency has made himself liable for action under any of the cases aforesaid, the **accepting authority** shall have the powers to rescind the contract (of which rescission notice in writing to the agency under the hand of Superintending Engineer shall be conclusive evidence), **20% of the value of the left over work** will be realized from the agency as Penalty

- 7.26.1. In case of rescission of contract as per **Clause-7.26** the agency shall have no claim to compensation for any loss sustained by him by regions of having purchased or procured any materials or entered any engagement on account of or with a view to execute the work / performance of the agency

7.27(a) **Conditions for Reimbursement of Levy/Taxes if Levied after Receipt of Tenders:**

- i) All tendered rates shall be inclusive of all taxes and levies payable under respect statutes. However, pursuant to the Constitution (46th Amendment) Act, 1982, if any further tax or levy is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the agency thereupon necessarily and properly pays such taxes/levies the agency shall be reimbursed the amount so

paid, provided such payments, if any, is not, in the opinion of the **C.E., P.H. (Urban), (O), BBSR/ E.I.C. PH, (O), BBSR** (whose decision shall be final and binding on the agency) attributable to delay in execution of work within the control of the agency.

- ii) The agency shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of the Department and/ or the Engineer-in-Charge and further shall furnish such other information/ document as the Engineer-in-Charge may require from time to time.
- iii) The agency shall, within a period of 30 days of the imposition of any such further tax or levy, pursuant to the Constitution (Forty Sixth Amendment) Act, 1982, give a written notice thereof to the Engineer-in-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

7.27(b) Other statutory duty, Tax such as I.T., GSTIN etc, will be deducted at sources from the bills of the agency and deposited with concerned authority.

7.27(c) Royalty at the prevailing rate on minerals will be deducted from the bills of the agency and deposited with concerned authority.

7.28 **Fair Wages Clause:**

- (a) The agency shall not employ for the purpose of this contract any person who is below the age of fourteen years and shall pay to each labourer for work done by such labourers fair wages.

Explanation – “**Fair Wage**” means wages, whether for time or piece work prescribed by the State Public Works Department provided that where higher rates have been prescribed under the minimum wages Act 1948 wages at such higher rates should constitute fair wages.

The Superintending Engineer shall have the right to enquire into and decide any complaint alleging that the wages paid by the agency to any labourer for the work done by such labourer is less than the wages as per sub-paragraph-I above.

- (b) The agency shall, notwithstanding the provisions of any contract to contrary, cause to be paid a fair wage to labourers indirectly engaged on the work including any labour engaged by his sub-agencys in connection with the said work, as if, the labourers had been immediately employed by him.
- (c) In respect of all labour directly or indirectly employed in the works for the performance of the agency's part of this agreement, the agency shall comply with or cause to be complied with all regulations made by Government in regard to payment of wages, wage period deductions from wages, recovery of wages not paid and deductions unauthorisedly made, maintenance of wage register, wage cards, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of a like nature.
- (d) The Superintending Engineer or Sub-Divisional Officer concerned shall have the right to deduct, from the money due to the agency, any such required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers non-payment of wages or of deduction made from his or

their wages, which are not justified by their terms of the contract or non-observance of the regulations. Money so deducted should be transferred to the workers concerned.

- (e) Vis-à-vis, the Government of Odisha, the agency shall be primarily liable for all payments to be made under and for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his sub-agency.
- (f) The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be breach of this contract.

Odisha PWD / Electricity Department Agency's Labour Regulations

7.28.1. Short title – These regulations may be called “The Odisha Public Works Department / Electricity Department Agency's Regulations”.

7.28.2. Definitions – In these Regulations, unless otherwise expressed or indicated the following words and expressions shall have the meaning here by assigned to them respectively, that is to say -

- i) **“Labour”** means a worker employed by a agency of the Odisha Public Works Department / Electricity Department directly or indirectly through a sub-agency or other person, or by an agent on his behalf.
- ii) **“Fair Wages”** means wages whether for time or piece work prescribed by the State Public Works Department provided that where higher rates have been prescribed under the minimum wages Act, 1948 wages at such higher rates should constitute fair wages.
- iii) **“Agency”** shall include every person whether a sub-agency or headman or agent employing labour on the work taken on contract.
- iv) **“Wages”** shall have the same meaning as defined in the payment of Wages Act and include time and piece rate wages, if any.

7.28.3. **Display of Notices regarding Wages, etc.:**

The agency shall:–

- (a) Before he commences his work on contract display and correctly maintain and continue to display and correctly maintain, in a clean and legible condition, in conspicuous places on the work, notices in English and in the local Indian language spoken by the majority of the workers, giving the rate of wage prescribed by the State Public Works Department / Electricity Department for the district in which the work is done.
- (b) Send a copy of such notices to the Engineer-in-charge of the work.

7.28.4. **Payment of wages:**

- (1) Wages due to every worker shall be paid to him direct.
- (2) All wages shall be paid in current coin or currency or in both

7.28.5. **Fixation of wage period:**

- (1) The agency shall fix the wage period in respect of which the wages be payable.
- (2) No wage period shall exceed one month.

- (3) Wages of every workman employed on the contract shall be paid before the expiry of ten days, after the last day of the wage period in respect of which the wages are payable.
- (4) When the employment of any worker is terminated by or on behalf of the agency, the wages earned by him shall be paid before the expiry of the day succeeding the one on which his employment is terminated.
- (5) All payments of wages shall be made on a working day.

7.28.6. Wage book and wages cards, etc.:

- (1) The agency shall maintain a wage book of each worker in such form as may be convenient, but the same shall include the following particulars-
 - (a) Rate of daily or monthly wages.
 - (b) Nature of work on which employed
 - (c) Total number of days worked during each wage period
 - (d) Total amount payable for the work during each wage period.
 - (e) All deductions made from the wages with an indication in each case of the ground for which the deduction is made.
 - (f) Wage actually paid for each wage period.
- (2) The agency shall also maintain a wage card for each worker employed on the work.
- (3) The Superintending Engineer may grant an exemption from the maintenance of wage book, wage cards to a agency who, in his opinion – may not directly or indirectly employ more than 100 persons on the work.

7.28.7. Fines and deduction which may be made from wages:

- (i) The wages of a worker shall be paid to him without and deduction of any kind except the following -
 - (a) Fines
 - (b) Deductions for absence from duty, i.e., from the place of places whereby the terms of his employment he is required to work. The amount of deductions shall be in proportion to the period for which he was absence.
 - (c) Deductions for damage to or loss of good expressly entrusted to the employed person for custody or for loss of money for which he is required to account where such damage or loss is directly attributable to his neglect or default.
 - (d) Any other deductions which the Odisha Government may from time to time allow.
- (ii) No fines shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deduction.
- (iii) The total amount of fines which may be imposed in any one wage period on a works shall not exceed an amount equal to five paise in a rupee of the wages payable to him in respect of that wage period.
- (iv) No fine imposed on any worker shall be recovered from him by instalments, or after the expiry of 60 days from the date on which it was imposed.

7.28.8. Register of fines, etc.:

- (i) The agency shall maintain a register of fines and of all deduction for damage or loss. Such register shall mention the reason for which fine was imposed or deduction for damage or loss was made.
- (ii) The agency shall maintain a list in English and in the local Indian language, clearly defining acts and omissions for which penalty of fine can be imposed. It shall display such list and maintain it in a clean and legible condition in conspicuous places on the work.

7.28.9. **Preservation of register:**

The wage register, the wage cards and the register of fines, deduction required to be maintained under the regulations shall be **preserved for 12 (twelve) months** after day of the last entry made in them.

7.28.10. **Powers of Labour Welfare Officers to make investigation or enquiry:**

The Labour Welfare Officers or any other persons authorized by the Government of Odisha on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of the fair wage clauses and the provisions of these regulations. He shall investigate into any complaint regarding default made by the agency, sub-agency in regard to such provisions.

7.28.11. **Report of Labour Welfare Officers:**

The Labour Welfare Officer or others authorized as aforesaid shall submit a report of the results of his investigation or enquiry to the Superintending Engineer concerned, indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the agency bill be made and the wages and other dues be paid to the labourers concerned.

7.28.12. **Appeal against the decision of Labour Welfare Officer:**

Any persons aggrieved by the decision and recommendation of the Labour Welfare Officer or other person so authorized may appeal against such decision to the Labour Commissioner within 30 days from the date of decision forwarding simultaneously a copy of his appeal to the Superintending Engineer concerned but subject to such appeal, the decision of the officer shall be final and binding upon the agency.

7.28.13. **Inspection of register:**

The agency shall also allow inspection of the wage book and wage cards to any of his workers or to his agent at a convenient time and place after due notice is received, or to the Labour Commissioner or any other person authorized by the Government of Odisha on his behalf.

7.28.14. **Submission of return:**

The agency shall submit periodical returns as may be specified from time to time.

7.28.15. **Amendments:**

The Government of Odisha may from time to time, add to or amend these regulations and on any question as to the application, interpretation of effect of these regulations, the decision of the Labour Commissioner or any other person authorized by the Government of Odisha in that behalf shall be final.

The terms and conditions of the agreement have been read by Me/Us and I/We certify that I/We clearly understand them and agree to abide by them.

Agency

Additional Special Conditions

- 1 All materials required for completion and commissioning of the awarded work are to be procured by the contractor.
- 2 For all materials the contractor shall have to furnish manufacturer's test certificates.
- 3 Inspection by the Engineers/Employer of the Department shall not relieve the contractor of his liability for rectifying the defect which may subsequently appear or be detected during testing and commissioning or subsequent operation. After rectification of the defects or replacement, the materials shall be re-tested to the satisfaction of the Engineers/Employer.
- 4 All equipments, labour, tools & plants, instruments and other facilities for testing shall be provided by the contractor. He shall also maintain all records of the entire test and furnish the copies of the same to the Department.
- 5 The contractor shall be responsible for safe custody of the materials at site and the Department will not be responsible for any damage or loss of the property at site.

6. **Payment towards GST:**

The financial bid & this tender cost is exclusive of GST. This estimated cost is the basic cost derived using basic rate of materials as per revised Schedule of rates-2022 (POST GST) by Works Department. GST will be paid separately as applicable decided by the Finance Department. The Contractor have to submit tax invoices as per details mentioned in Rule-46 of OGST Rules, 2017 for reimbursement.

SECTION – 7A**SITE VISIT AND CONSTRUCTION & ERECTION FACILITIES****1. Site Visit:**

The tenderer before tendering shall inspect the site at his own cost in consultation with the **Superintending Engineer, P.H. Division, Koraput, Odisha** in charge of the work and shall satisfy himself with regard to the nature and extent of the work involved, the actual site conditions, existing facilities & shall collect any other information which may be required before submitting the tender. Any claim afterwards by the tenderer shall not be entertained on account of the ignorance of the site conditions.

2. Construction & Erection Facilities:

Water, power, accommodation and storage of materials for construction, erection and fabrication at site shall be arranged by the contractor at his own cost. The power supply & consumption during the construction stage shall be the responsibility of the contractor & no extra payment shall be made on account of this. Department will be responsible for supply of water for testing, trial running & commissioning of the pipe line. The power supply and consumption during testing and commissioning and trial running shall be the Department's responsibility.

SECTION – 08

SCOPE OF WORK **GENERAL**

The intent of this Section is to specify the work items to be covered in conformity with the technical specifications as enumerated in the subsequent clauses for the work **Supplying & installation, testing and commission of 120 HP & 100 HP Centrifugal pump motor at C.W.Pump house and other ancillary work, Koraput for Standby under State Plan (Efficiency Measures) - Demand NO. 13/4215 for the year 2026-27**

Location:

Town : **Koraput Municipality area**
District : **Koraput**
State : **Odisha**

Details of items and quantity are mentioned in the price bid:-

- 1. Installation of 120HP centrifugal pump motor having 90m head and discharge 240m³/ hr.**
- 2. Installation of 120HP VT pump motor having 90m head and 67lps discharge.**
- 3. Installation of 100HP centrifugal pump motor having 80m head and discharge 180m³/ hr**

Supplying, installation, testing and commissioning of different pump sets with accessories. (Detailed mentioned in BOQ and Approved make)

Details pump

- Supply, installation, commissioning & testing of following pumps of reputed make such as Kirloskar / Mather & Platt / Grunfos / Wilo / Voltas/ Greaves/KSB /WPIL / Flowmore Make with motor of reputed make such as Kirloskar / Siemens / BCH/ CG / Alsthom / GEC/ KSB/ WIPL Make in the as per table here under with suitable motor of make mentioned in **Technical specification**.

Type of Pump	Head	Discharge
Centrifugal pump	90m	240m ³ / hr
VT pump	90m	67 Lps
Centrifugal pump	80m	180m ³ / hr

Pre delivery inspection of Pump need to be completed either by the Department not below the rank of EE / Third party inspection report from Bureau **Veritas/Lloyds/RITES has to be carried out and to be attached with bill.**

The capacity and head mentioned in above table is minimum requirement. Contractor has to verify the same and provide accordingly without any extra cost.

- All the pump sets shall be connected with the common header delivery pipe as per standard method and direction of Engineer-in-charge in accordance with approved drawings including supply & fixing of necessary Specials/ Manifolds minimum of minimum suitable dia over base slab, minimum suitable dia. Sluice Valves of minimum suitable dia Non-Return Valves etc. all complete of make mentioned in **Technical specification** of the document. However, as per design/ actual requirement if the no/size of fixtures, specials etc. increased, the contractor shall provide the items and it shall be construed within the ambit of the scope.

Pump and motor characteristic curve :-

The tenderer shall furnish characteristic curves and other data.

- **Lubrication:-**
Ample means of the lubrication shall be provided for all bearings and parts where required.
- **Note :-**
Capacities of motors are to be arrived at including 10% margin over and above the maximum required by the pump. Laying of cables including its necessary connection, jointing and earthing will be the responsibility of the tenderer.
- **Installation :-**
The pump and motor should be installed at site on the existing / new base foundation with suitable base plate. The inlet and outlet of pump set should be fitted with existing inlet and outlet pipe line system. The pump set should be trial run at least for seven days. The existing cable joint from control panel to motor should be done by Firm / Bidder at his own risk and responsibility and provision for cabling work as per requirement at site is to be provided by the department and as per direction of Engineer-in-charge.

8. Obligation to provide Documentation:-

The Contractor shall, as an integral part of the contract, supply detailed Documentation and working drawings of the process and the equipment to be supplied by him within the specified period and assist in checking the design, calculation, other information or data relating to problems arising from the design of all components or supply of the process or the mechanical and electrical equipment.

8.1. Quality of Material and Workmanship:

All the materials supplied by the contractor shall be best of their respective kinds and shall comply with latest revisions of Indian Standards/ International Standards/ Water Supply & Public Health regulations stipulated by Govt. of India, AWWA, State Pollution Control & Prevention Board, Indian Electricity Rules and other statutory requirements of Govt. of India and Govt. of Orissa. The contractor shall be responsible for the design of the structures and quality of materials and workmanship.

8.2. Construction & Erection Facilities:

Water, power, accommodation and storage of materials for construction, erection and fabrication at site shall be arranged by the contractor at his own cost. The power supply & consumption during the construction stage shall be the responsibility of the contractor & no extra payment shall be made on account of this. Department will be responsible for supply of water for testing, trial running & commissioning of the Intake well.

8.3. Inspection & Testing:

For all materials, the contractor shall furnish Manufacturer's test certificate with each consignment. At site, Testing and inspection shall be carried out as per Indian standards/International Standards in presence of Engineer-in-Charge, contractor and manufacturer. The contractor shall detail out the codes and standards in accordance with which the testing shall be carried out.

Inspection by the Engineer-in-charge of the Department shall not relieve the contractor of his liability for rectifying the defects which may subsequently appear or be detected during testing and commissioning or subsequent operation. After rectification of the defects or replacement, the equipments shall be re-tested to the satisfaction of the Department.

The Department reserves the right to test any material at any of the reputed laboratories if necessity arises & the cost of such test(s) shall be borne by the contractor & rejected materials shall have to be replaced by the contractor by approved material at his cost.

8.4. Completion Schedule:-

The time is the essence of this contract. The entire job is to be completed within a time frame of **4 (Four) months** from the date of issue of work order by the **Superintending Engineer, P.H Division, Koraput**. The tenderer shall submit a Bar Chart indicating starting and completion dates of each activity such as submission of designs & drawings, site mobilization, procurement of materials and equipments, transportation, execution, assembly/erection/ testing , trial run and commissioning without which the tender shall be liable for rejection.

8.5. Tendering:

Ordinarily, modifications of technical specifications during execution of work shall not be permitted excepting in cases where such a modification is warranted due to technical requirements.

8.6. Tender Drawings:

The tender drawings submitted by the contractor/firm in their offer are subjected to change during detailed design if so required from technical considerations without extra financial implications.

The contractor shall furnish a guarantee to the effect that all items of work constructed & supplied by him shall be free from any defect both in terms of materials & workmanship for a period of **twelve months** from the date of final commissioning of the work.

During this period, the contractor shall replace the defective materials if any & rectify the defects at his own cost.

The above works includes cost of all materials, labours, lead and royalty, taxes, transportations etc. The work shall have to be executed in conformity with the detailed P.H. and P.W.D. specifications enumerated in the clauses.

8.7. Schedule of Tender for submission:

The tenderer shall submit the following details in addition to other documents as indicated elsewhere in this DTCN along with the 'General & Techno-commercial Bid' of his tender document without which his 'tender' shall not be considered further for approval.

- i. Technical write-up on the facility/Scheme offered.
- ii. General Arrangement Drawings, proposed general layout Drawings , Sectional elevation drawings with dimension, flow diagram, hydraulic diagram, electrical circuit diagram, P&I diagram, site drainage and waste water disposal scheme etc.
- iii. Perspective drawings of the proposed plant showing all the units to give a general idea as to how the plant offered by them would look like architecturally.
- iv. Detailed specifications with codes/standards of all the materials/ Equipments/construction work etc with makes & their source of supply and testing codes including manufacturers catalogue.
- v. Battery limits/Exclusions, if any.
- vi. Delivery period with Bar chart for the complete scheme
- vii. Equipments, tools& tackles (with their capacities) proposed to be mobilized to the site.
- viii. Personnel & staff proposed to be deployed at site.
- ix. Past experience of the tenderer with respect to eligibility criteria. A list of similar jobs designed and executed by the tenderer with their capacity, year of commencement and installation, value of work and full address of their client.
- x. Brief details of the tenderer, technical personnel/executive Employed with the tenderer, their qualifications & experience, Organisation chart.

The above works shall have to be executed in accordance with the technical specifications given in Bill of quantity and other conditions mentioned elsewhere in the DTCN & subsequent correspondences made if any and liable to be modified by the Engineer at site within the purview of Contract .

8.8 Disposal of Surplus Earth & Debris after construction

The surplus left over earth and debris after completion of erection work and leveling the site shall be transported and dumped in areas as directed by the Department's Engineer without any extra claim.

8.9 Inspection, Testing, Trial-Run, Guarantee Test, Operation & Maintenance Manual, Completion Drawings, Guarantee & Acceptance:

(i) General:

- All equipments, accessories, auxiliaries, piping, electrics, instruments, installations, construction, buildings etc. including all mechanical, electrical & civil engineering works covered under the scope of work of contractor shall be subjected to inspection & testing by the Department for its material, quality, workmanship and the performance. The contractor shall arrange and carry-out all such inspections, testing, trial-run etc. and demonstrate in presence of the Engineer-in-Charge of the Department.
- The cost of such inspection, testing, trial-run, demonstration etc. shall be borne by the contractor. All responsibility of such inspection, testing, trial-run, demonstration etc. and any damage/loss that may cause directly or indirectly shall exclusively rest with the contractor.
- Such inspection, testing, trial-run, demonstration etc. shall, however, not relieve the contractor of their liability for replacing/ rectifying any defects which may subsequently appear or be detected during erection and guarantee period.
- Copies of certificates for materials test, hardness, balancing test along with other routine shop's quality assurance tests shall be furnished by the contractor prior to carrying out of the inspection and testing.

(ii) Tests at works:

- All equipments, sub-assembly and components, auxiliaries and accessories shall be tested at manufacturer's works in accordance with relevant Indian Standards/International Standards. The contractor shall furnish all test certificates etc. related to the quality of all the materials to the Department along with the delivery of the materials at site without which no payment shall be released. However, such test certificates, quality assurance certificates shall not relieve the contractor of its obligation to replace forth with any instrument/materials found defective during tests at works/ trial running period/ guarantee period.
- Testing for performance of equipments shall be carried out and be checked with the approved parameters and performance characteristic curves for the purpose of acceptance.

8.10 **Make of Electrical & Mechanical Equipment:**

The following makes shall only be allowed unless specifically mentioned elsewhere in this DTCN.

- (a) **Sluice Valves:** Kirloskar/ Fouress/IVC/Calsons/IVI for daily operated valves
- (b) **MS pipes:** ERW pipes from SAIL/TISCO/Jindal
- (c) **GI pipes and fittings:** TATA/Jindal
- (d) **Paints, distemper:** Johnsons Nicholsons/ Asian Paint/ Berger paints
- (e) **All locks and locking arrangements, hydraulic door closures:** Godrej.
- (r) **Other Accessories :** The firm shall clearly state the make which shall be approved by Department.

8.11 **Tests at Site:**

- On completion of all nature of works covered under the scope of work testing of pipe line & joints to ascertain the leak proof and water tightness is to be carried-out by the contractor in presence of Engineer-in-charge. Any defects noticed the same has to be rectified by the Agency and non extra payment shall be paid.

Guarantee:

The Contractor shall guarantee the materials, quality, workmanship and the satisfactory performance of all the accessories, auxiliaries, piping etc. under his scope of work for a period of **12 (twelve) months** from the date of final commissioning. Any defects noticed during the guarantee period shall be replaced / rectified immediately without any extra cost to the Department.

Acceptance:

On completion of construction, the contractor shall clear all the left over surplus earth, bricks, debris, scrap, temporary structures etc. from the construction site and present the entire premises in a neat and tidy manner. All units, equipments, pipelines etc. shall be cleaned thoroughly.

Final Acceptance:

On completion of **six (6) months** of satisfactory performance, the works executed shall be finally accepted by the Department. This shall be treated as the date of final commissioning.

8.12 **Break-up of payment schedule:**

The schedule for break up of the payment are given at **Section 10** of DTCN.

All provisions of the technical scope of work & terms & conditions of the contract have been read by Me/Us and I/We certify that I/We clearly understand them & agree to abide by them.

Witness

Contractor

SECTION – 09

TECHNICAL SPECIFICATIONS & DESIGN CRITERIA

9.1 Design Standards

The Improvement of Water Supply project shall conform to design requirements set out in latest editions of PWD, CPHEEO (Central Public Health and Environmental Engineering Organization) manual on Water Supply and relevant I.S. Specification & Standards.

9.2 Specifications and Standards for Construction

All the structure shall be designed conforming to Indian Standard Code of Practice.

MOTORS & PUMPS

(A) SCOPE & SPECIFICATION OF CENTRIFUGAL PUMPS

Supply of reputed make wide voltage range motors suitable to be coupled with pump having capable of discharging (i) CWR to Back Wash tank (ii) CWR to UGR/ OGR at different locations including supply of suitable size of M.S. channel base plate installed in required R.C.C. foundation, making suction & delivery arrangement, testing at site & supply of control panel of reputed make with all accessories such as current sensing, over load relay single phase preventor, over and under voltage cut out etc. confirming to relevant I.S. specification. Separate suitable capacitor bank to each pump set and motor protection relay for each motor separately to be provided for protection of motor. The pump should be coupled with suitable capacity 3 phase motor to operate in A.C. power supply ranging 360 volt to 440 volt in the frequency 50 Hz in a common base plate. The contractor has to submit detailed design, drawing, layout plan of all pumping units showing therein all the piping arrangements at different pump houses including design of RCC foundation for various pumps as per the relevant IS specifications for approval before installation of pumps.

(I) PUMP:

- (a) The pump shall conform to relevant IS specification with latest amendments thereof. The Centrifugal Pumps will be of horizontal split casing with high efficiency (minimum efficiency) 75% and ensure satisfactory performance and having suction and delivery arrangement suitable for inlet and outlet connection of pipe of suitable nominal bore size.

(b) ASSEMBLY OF PUMP SET.

- (i) **CASING:** - The casing shall be made of cast iron grade FG-260 of IS:210 with latest revision and shall be of such construction as to be capable to withstand a hydrostatic test

pressure of 1.5 times shut of pressure and two times the duty pressure which is higher.

- (ii) **IMPELLER:** - The impeller shall made from bronze grade LTB-2 of IS:318 with revision and shall be dynamically balance as per VD 12060 class 6.3 at 1200 Rpm. Against manufacture defect along with any other un-machined rotating parts as proper balancing equipment.
- (iii) **SHAFT:** - The shafts shall be made of high tensile steel confirming to IS:1570) (part V/45 CB as per I.S.-5517) and accurately ground all over. It shall be of sufficient size as to be capable of transmitting the required power over the entire range.
- (iv) **WEARING RINGS, STUFFING BOX, IMPELLER AND SHAFT SLEEVES:** - There shall be made of bronze AST-410 as Grade-II of IS:318 latest revision. Pump should be fitted with double warning ring. One is fitted in casing and another is behind the impeller. The impeller should preferably be provided with balancing hold not with back vanes.
- (v) **GASKETS, SEATS AND PACKING:** -These shall confirm to those specification in IS:5120 with latest revision and the pump should be fitted with the pack grease lubricated bearing.
- (vi) **COUPLING:** - The pump shall be directly coupled with the electric motor through spacer /pin type coupling of reputed make so that both the rotating parts function as one unit without casing nay loss.
- (vii) **NAME PLATE:** - The pump shall have a name plate (Specification plate) including
 1. Manufacturer's names of recognized trade mark.
 2. Type / Model and Serial Number of pumping.
 3. Speed.
 4. Total head/Rate of flow/Best efficiency point with power input.
 5. Range of head and corresponding rates of flow.

(c) PUMP TESTING:

- a. The overall efficiency of the pump set shall not be less than 75%
- b. The overall efficiency of the pump shall be guaranteed at specified point of rating only and the discharge shall be guaranteed for the range of head between minus 25% & plus 10% of the specific head. The Firm should furnish the guaranteed discharge at these head. There should not be stiff rise and fall in head vrs. Discharge curve and discharge vrs. overall efficacy curve.

- c. The firm must furnish the curves authenticated by the manufacture to enable the purchaser to judge the performance of the pump set.
 - i) Head Vrs. Discharge Curve
 - ii) Discharge Vrs. Pump efficiency curve
 - iii) Discharge Vrs. Pump input at pump shaft curve.

(II) **MOTOR:**

- a) The Motor shall be rated for continuous duty, ambient temperature of 50° Celsius. The relative humidity can be up to the maximum of 100% Motor shall be suitable for 3 phase electric power supply wide range voltage 415 Volt 10% Hz. It should be designated for an over load capacity of 115% of rated capacity of pump set for frequent operation. Motor should be of reputed company make and manufactured fully confirming to IS:325 with latest version efficiency of motor should not be less than 85%.

(b) **ASSEMBLY OF MOTOR**

- i) **WINDING:** - The winding should be enamelled copper / strip with 'F' type insulation and winding are braced to prevent soil deformation due to stress caused by surges.
- ii) **CORE:** -The core should be made from low loss; high permeability; varnish insulated electrical grade sheet steel and stamping are hydraulically pressed than clamped to form a rigid structure.
- i) **SHAFT:** - Shaft shall be made from high carbon steel of cross section adequate enough to provide strength and rigidity to minimize the deflection and vibration.
- ii) **BEARING:** - Bearing and grease lubricated anti-friction bearing coupling should have 90% survival life of a minimum of 10,000 working hour for drive transmission direct through flexible coupling.
- v) **EARTHING STUD:** - The motor body shall have two separate earthings stud for earthings in compliance with I.E. Rules.
- vi) **BASE FRAME:** - The base should be made out of M.S. Channels confirming to IS:226 grade with foundation Nut & Bolt.

(III) CIRCUIT CONFIGURATION:

System Voltage	:	415 $\pm$ 10% 3 phase 50 Hz
Utilization Category	:	AC 3 phase as per IS:8544-1
Coil Voltage	:	415 $\pm$ 10% Volts
Power	:	Suitable for above motor.
Back up protection	:	H.R.C. Fuse Link
Isolator	:	reputed make
Contactor	:	Star/delta/Main Contract of reputed make.
S.P.P.	:	Reputed make.
Over load relay	:	Reputed make of suitable range. Phase including lamp of different colour of reputed company make.
Volt meter	:	Suitable Volt meter Volt meter selector switch of reputed company make.
Ampere Meter	:	Suitable Amp meter C.T. operated of C.T. suitable Ratio of reputed make. Capacitor: - Suitable of reputed make.

- (IV) Necessary priming arrangement to be made for priming at each pumping stations by constructing one no. 1000 ltr. capacity R.C.C./PVC, O.H. Tank including supply / fitting of required G.I. pipes/ fittings / F.W. vales etc all complete as per requirement at site and direction of Engineer-in-charge.

9.17.B. VERTICAL TURBINE PUMP SET**a) Technical Description****i) BOWL**

Made of close-grained cast iron. Houses bronze bowl bearing S.S. impeller shaft & impeller shaft & impeller. Has hydraulically profiled guide vanes for higher efficiency.

ii) IMPELLER

Made Stain Less Steel (SS-410), Single suction, Enclosed or semi-enclosed type. Dynamically balanced clamped by draw-out type collect and locknut to stainless still shaft.

iii) DISCHARGE CASE

Made of close grained cast iron. House bronze bearing. Guided water flow into column assembly. The discharge case in oil lubricated turbine pumps has intermediate bearing, lantern ring, asbestos-plated yarn seal (gland packing) and discharge case bearing for line shaft tube. Prevents water from entering the line shaft tube as the high pressure water is bypassed through relief ports in the lantern ring. The discharge case in water lubricated turbine pumps has a sand collar which prevents entry of sand into the discharge case bearing.

iv) LUBRICATION

For oil lubricated turbine pumps, manual lubricator or autocratic electric oil lubricator available. Separate pre-lubricating tank is available for water lubricated turbine pump.

- v) **SUCTION CASE**
Made of closed grained case-iron-Houses bronze bearing and sand collar which prevents entry of sand into suction case bearing guides flow of water into the eye of the lowest impeller.
- vi) **CASING PIPE/LINE SHAFT TUBE**
Made of steel. Concentrically threaded for line shaft bronze bearing provided at intervals of 1.5 m.
- vii) **COLUMN PIPE**
Made of steel. Concentrically threaded as per Indian standards.
- viii) **LINE SHAFT**
Made of high carbon steel. Concentrically threaded at both ends. The line shaft on oil lubricated pumps rotates in bronze bearing fitted at 1.5m. intervals. The line shaft in water lubricated pumps has a stainless steel sleeve which rotates in cut less rubber bearing fitted in C.I. bearing retainer (spider).
- ix) **DISCHARGE HEAD**
Robust construction. Has an integral smooth discharge elbow. In water lubricated pumps, the discharge head houses a stuffing box and gland nut. In oil lubricated pumps, it houses a tension nipple and gland nut. Standard discharge outlet flange is drilled as per IS specification.
- x) **PRE-LUBRICATION**
For water lubricated turbine pumps, pre lubrication tank and pipe connections with rock available for pre-lubrication of pump shaft, bush bearing and stuffing box before starting the pumps.
- xi) **VERTICAL TURBINE PUMPS** with special material of construction can be supplied against specific requirement.

MOTOR:

- a) The Motor shall be rated for continuous duty, ambient temperature of 50° Celsius. The relative humidity can be up to the maximum of 100% Motor shall be suitable for 3 phase electric power supply wide range voltage 3300 Volt 10% H_z. It should be designated for an over load capacity of 115% of rated capacity of pump set for frequent operation. Motor should be of reputed company make and manufactured fully confirming to IS:325 with latest version efficiency of motor should not be less than 85%.
- (b) **ASSEMBLY OF MOTOR**
 - i) **WINDING:** - The winding should be enamelled copper / strip with 'F' type insulation and winding are braced to prevent soil deformation due to stress caused by surges.
 - ii) **CORE:** -The core should be made from low loss; high permeability; varnish insulated electrical grade sheet steel

and stamping are hydraulically pressed than clamped to form a rigid structure.

- xii) **SHAFT:** - Shaft shall be made from high carbon steel of cross section adequate enough to provide strength and rigidity to minimize the deflection and vibration.
- xiii) **BEARING:** - Bearing and grease lubricated anti-friction bearing coupling should have 90% survival life of a minimum of 10,000 working hour for drive transmission direct through flexible coupling.
- v) **EARTHING STUD:** - The motor body shall have two separate earthings stud for earthings in compliance with I.E. Rules.
- vi) **BASE FRAME:** - The base should be made out of M.S. Channels conforming to IS:226 grade with foundation Nut & Bolt.

(III) **CIRCUIT CONFIGURATION:**

System Voltage	:	3300 $\pm$ 10% 3 phase 50 Hz
Utilization Category	:	AC 3 phase as per IS:8544-1
Coil Voltage	:	3300 $\pm$ 10% Volts
Power	:	Suitable for above motor.
Back up protection	:	H.R.C. Fuse Link
Isolator	:	reputed make
Contactor	:	Star/delta/Main Contract of reputed make.
S.P.P.	:	Reputed make.
Over load relay	:	Reputed make of suitable range.
		Phase including lamp of different colour of reputed company make.
Volt meter	:	Suitable Volt meter Volt meter selector switch of reputed company make.
Ampere Meter	:	Suitable Amp meter C.T. operated of C.T. suitable Ratio of reputed make.
		Capacitor: - Suitable of reputed make.

- (IV) Necessary priming arrangement to be made for priming at each pumping stations by constructing one no. 1000 ltr. capacity R.C.C./PVC, O.H. Tank including supply / fitting of required G.I. pipes/ fittings / F.W. vales etc all complete as per requirement at site and direction of Engineer-in-charge.

MS pipe work :		
Specifications	:	I.S:5504/1997 for spirally welded pipes, I.S:3589/2001 : Seamless or electrically welded ERW / SAW steel pipes.
Wall Thickness	:	Not less than 5.5mm for pipes up-to 200mm dia. & 8 mm for pipes above 200mm dia.
In-lining & out coating	:	As given in IS:10221-1982/IS:5822-1986 as applicable
Laying	:	IS:5822/1986
Flange thickness	:	As per relevant ISS
H.D.P.E pipes & fittings		For internal water supply/sewerage : Relevant ISS.
DI pipes & fitting & their laying	:	As per IS:8329/2000, IS:9523/1980 & IS:12288/1987
Pump Delivery sluice valves & scour valves.	:	Double flanged sluice valves, Rising spindle, Rating : PN 1.6 (16 kg/cm ²) or as per requirement whichever is more. IS:780, IS:2906, Body: CI Spindle: SS, AISI –410
Non-return valves	:	Double flanged swing check type, rating : PN 1.0 (10 kg/cm ²) or as per requirement whichever is more. IS: 5312, Body: CI, Disc : CI, Spindle: SS, AISI –410.
Throttle valve/ Control valve	:	Butterfly valves (Rating 10 kg/cm ²) suitable rating BS: 5155, AWWA : C-504, Body : CI Disc: CI, Spindle :SS AISI-410.

LIST OF APPROVED MAKE

SN	MATERIAL DESCRIPTION	MAKE OF MATERIALS
1	Non-Metallic conduit & accessories	Berlia /Uniflow /Sudhakar
2	Switch, socket, Holder, Ceiling Rose etc.	Anchor /Cona
3	PVC Insulated wires	Finolex/ KDK/ Rajanigandha/ Anchor/ NICCO/ L&T / Havells
4	Bakelite sheets	Hylam /Formica
5	PVC Insulated cables (ISI Mark only)	NICCO/ Finolex/ Crystal/ Fort Gloster/ Poly Cab
6	Cable lugs	Dowells/ Ismal/ Clipon
7	Cable joining Kits	M. Seal
8	Switchgears viz., Isolator Switches, SFU, Starter, change over switch, HRC fuse holder etc.	Siemens /L&T
9	MCB RCCB & Associated Distribution Board	HPL/ Havells/ Standard /Indo Asian
10	MCCB	Seimens/ L&T/ ABB/ Legrand
11	Instrument viz colmeter etc	AE/IMP/ Mecos/ Cosmo
12	Selector Switch	Kaycee/ Saltzer
13	Timer /Time switch	L&T/ Hanger/ Legrand
14	Energy Meter	GEC/ Capital Jaipur
15	LT Distribution Board(Fabricated)	ESS/ Technocrat/ Utkal
16	Kit Kats	BPC/ Anchor
17	HRC Fuses	Siemens/ L&T
18	CTs & PTs	AE/ Kappa/ Eastern Switchgear
19	Metal Clad plug Socket	Crompton/ Havells
20	Fluorescent Fixtures	Philips/ Crompton/ Bajaj/ PAC
21	HPSV/HPMV/LPSV Luminaries & PL/SL Lamp Luminaries /Metal Hamide	Philips/ Crompton /Bajaj
22	Incandescent lamp Luminaries	Decon/ Philips/ Crompton/ Bajaj

23	Lamps (HPSV/HPMV/LPSV/Fluorescent. Incandescent	Philips/ Bajaj/ Crompton/ Sylvania
24	Ceiling Fans	Crompton/ Khaitan/ Usha/ Bajaj/ Polar/ Orient/ Ortem/ Almonard
25	Exhaust Fan	Almonard/ Crompton/ Khaitan
26	Call Bell & Buzzers	Anchor/ Cona/ Rider
27	Electronic Regulator & Dimmer	Anchor/ Cona/ Rider
28	Adhesive & Insulating Tapes	Streel grip
29	G.I Pipes	TATA/ Jindal/ Prakash
30	Transformer	Alfa/ OTPL/ OEU/ Bright
31	A.B Switch	S&S/ Motison/ Odisha Electrum /Sigma
32	H.G Fuse	S&S/ Motison/ Odisha Electrum /Sigma
33	Lightening Arrestor	Oblum/ WS/ IGE
34	Pump & Motor	Kirloskar / Mather & Platt / Grunfos / Wilo / Voltas/ Greaves/KSB /WPIL / Flowmore / Siemens / BCH/ CG / Alsthom / GEC Make

Disposal of excess earth outside the vicinity of area.

a) The agency has to submit Bar Chart alongwith the tender.

b) **Disposal of Surplus Earth & Debris after construction:**

The surplus left over earth and debris after completion of work and levelling the site shall be transported and dumped in areas within 5 k.m and as directed by the Department's Engineer without any extra claim.

The tendered shall clearly state the name of manufactures /make of all the materials included in his offer.

All provisions of the technical scope of work & terms & conditions of the contract have been read by Me/Us and I/We certify that I/We clearly understand them & agree to abide by them.

Witness Contractor

Note:-1. Any item or any provision/requirement if not included in the Scope of work, but is necessary to be provided for the completion of the project and for its functional necessity, the contractor shall provide the same. No extra payment shall be admissible on this account.

2. Notwithstanding anything to the contrary contained in Paragraph 1 above, the following Specifications and Standards shall apply to the Water Supply Project, and for purposes of this Agreement, the aforesaid Specifications and Standards shall be deemed to be amended to the extent set forth below: Deviations from the aforesaid Specifications and Standards shall be listed out here. Such deviations shall be specified only if they are considered essential in view of project-specific requirements.

SECTION – 10**MODE OF PAYMENT**

Sl No	Description of items	Percentage break up of construct amount
1.	Supplying of all materials in good condition	70%
2.	Installation of pump set	20%
3.	Successfully testing & commissioning	10%
	Total-	100%

DRAWING

**[For any other Queries & Drawings Contact to the
Superintending Engineer, PH Division, Koraput (9438016156)]**

SCHEDULE – A
STRUCTURE & ORGANISATION

1. General Information

a) Name of Applicant

b) Head Office Address

e-Mail Address:

Telephone No.

Fax :

c) Regional Office Address (if any)

e-Mail Address:

Telephone No.

Fax :

d) Local Office (if any)

e-Mail Address:

Telephone No.

Fax :

e) Class of contractor / firm and year of incorporation
(attach copy of certificate of registration)

f) Name and Address of Bankers

g) Main Lines of Business

SCHEDULE –B**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING / EXPELLING OF
TENDER OF ABANDONMENT OF WORK BY TENDER**

1.(a) Is the applicant currently involved in any litigation relating to any contract works -

Yes/No

(b) If yes, give details

2.(a) Has the applicant or any of its constituent partners have been debarred / expelled by any agency in India during the last 5 years - **Yes/No**

(b) If yes, give details

3 (a) Has the applicant or any of its constituent partners failed to perform/absconded/ rescinded on any contract work in India during the last 5 years - **Yes/No**

(b) If yes, give details

Note : If any information in this schedule is found to be incorrect or concealed pre-qualification application will be summarily rejected.

SCHEDULE – C**AFFIDAVITS / DECLARATION**

1. I/We have read the instructions appended in the DTCN.
2. I/We agree that the decision of the Govt. of Odisha in selection of contractors will be final and binding upon me/us.
3. All the information furnished herewith are correct to the best of my/our knowledge and belief. In case of any information or documents furnished found to be false or incorrect, I / we have no objection if my / our tender is rejected.
4. I/We agree that I/We have no objection if inquiries are made about construction work and its related areas regarding all projects and works listed by us in the accompanying sheets or any other enquiry on information furnished herewith in the accompanying sheets.
5. I/We agreed that I/We have no objection if our past construction works are inspected by any authority of Govt. of Odisha to assess the quality of construction.

Date:

Place:

Signature
Name & Designation
Name of the organisation

SCHEDULE – D**Affidavit Regarding No Relation & Authentication**

- 1 I do hereby certify that, I am **NOT RELATED** to any Officer of PHEO, Odisha of the rank of Assistant Engineer & Above. I am aware that if the facts subsequently provide to be false, my contract will be rescinded with forfeiture of security deposit.
- 2 I do hereby certify that all the documents filled with the tender are Genuine and Authentication.

Signature of the Bidder

SCHEDULE – E

**Format for seeking clarification
(to be furnished in both MS Word/ Excel & PDF Format)**

Name of the Firm with e-mail & Mobile

No.:.....

.....

Sl. No.	Reference to DTCN/ Clause/ Page	Existing Description & Subject	Clarification sought	Remarks
1	2	3	4	5

SCHEDULE – F

FORM OF BANK GUARANTEE [EMD/ISD/APS/Any Other Security Deposit]

To The Superintending Engineer,
_____.

WHEREAS:

- (A) _____ [name and address of contractor] (hereinafter called the “**Contractor**”) has executed an agreement (hereinafter called the “**Agreement**”) with the [Superintending Engineer, PH Division, Koraput representing Additional-Chief-Engineer, PH, Odisha], (hereinafter called the “**Authority**”) for the above subject to and in accordance with the provisions of the Agreement.
- (B) The Agreement requires the Contractor to furnish a **EMD/ISD/APS/Any Other Security Deposit** for due and faithful performance of its obligations, under and in accordance with the Agreement, during the {Construction Period & Defects Liability Period} (as defined in the Agreement) in a sum of Rs. _____ Lakh (Rupees _____ Lakh) (the “**Guarantee Amount**”).
- (C) We, _____ through our branch at _____ (the “**Bank**”) have agreed to furnish this bank guarantee (hereinafter called the “**Guarantee**”) by way of Security.

NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful performance of the Contractor’s obligations during the {Construction Period & Defects Liability Period} under and in accordance with the Agreement, and agrees and undertakes to pay to the Authority, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Contractor, such sum or sums up to an aggregate sum of the Guarantee Amount as the Authority shall claim, without the Authority being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein. 173
2. A letter from the Authority, under the hand of an officer not below the rank of [Superintending Engineer, PH Division, Koraput], that the Contractor has committed default in the due and faithful performance of all or any of its obligations under and in accordance with the Agreement shall be conclusive, final and binding on the Bank. The Bank further agrees that the Authority shall be the sole judge as to whether the Contractor is in default in due and faithful performance of its obligations during and under the Agreement and its decision that the Contractor is in default shall be final and binding on the Bank, notwithstanding any differences between the Authority and the Contractor, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Contractor for any reason whatsoever.
3. In order to give effect to this Guarantee, the Authority shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Contractor and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.

4. It shall not be necessary, and the Bank hereby waives any necessity, for the Authority to proceed against the Contractor before presenting to the Bank its demand under this Guarantee.
5. The Authority shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Agreement or to extend the time or period for the compliance with, fulfilment and/ or performance of all or any of the obligations of the Contractor contained in the Agreement or to postpone for any time, and from time to time, any of the rights and powers exercisable by the Authority against the Contractor, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Agreement and/or the securities available to the Authority, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the Contractor or any other forbearance, indulgence, act or omission on the part of the Authority or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this 174 provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.
6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the Authority in respect of or relating to the Agreement or for the fulfilment, compliance and/or performance of all or any of the obligations of the Contractor under the Agreement.
7. Not with standing anything contained herein before, the liability of the Bank under this Guarantee is restricted to the Guarantee Amount and this Guarantee will remain in force for the period specified in paragraph 8 below and unless a demand or claim in writing is made by the Authority on the Bank under this Guarantee all rights of the Authority under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.
8. The Guarantee shall cease to be in force and effect on ****\$. Unless a demand or claim under this Guarantee is made in writing before expiry of the Guarantee, the Bank shall be discharged from its liabilities hereunder.
9. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the Authority in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.
10. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred branch, which shall be deemed to have been duly authorized to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be \$ Insert date being (contract period+ defect liability period+ 60 days min.) from the date of issuance of this Guarantee (in accordance with Clause 23.4 of the Section 2(B) & Clause 6.22 of Section 6). 175 sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Authority that the envelope was so posted shall be conclusive.

11. This Guarantee shall come into force with immediate effect and shall remain in force and effect for up to the date specified in paragraph 8 above or until it is released earlier by the Authority pursuant to the provisions of the Agreement.

Signed and sealed this _____ day of _____, 20____ at _____.

SIGNED, SEALED AND DELIVERED
For and on behalf of the Bank by:
(Signature)
(Name)
(Designation)
(Code Number)
(Address)

NOTES:

- (i) The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.
- (ii) The address, telephone number and other details of the head office of the Bank as well as of issuing branch should be mentioned on the covering letter of issuing branch.
- (iii) The stamp papers of appropriate value shall be purchased in the name of bank who issues the "Bank Guarantee".
- (iv) The bank guarantee shall be from a Nationalised/ Scheduled Indian Bank with **counter guaranteed** by its branch at **Koraput/Bhubaneswar**.

SCHEDULE – G

ANY OTHER INFORMATION, IF ANY

ANNEXURE –I**Guidelines/ Procedure to be followed in introduction of
e-Procurement in Government of Odisha.****Government of Odisha
Works Department**

Office Memorandum**File No.FA-R-3/08 – 1027 /W, Dated 24.1.09****Sub: Guidelines/ Procedure to be followed in introduction of
e-Procurement in Government of Odisha.**

1. This office memorandum consists of the procedural requirement of e-procurement and shall be made part of the Detailed Tender Call Notice or Instruction to Bidder for all "Works" tenders hosted in the portal.
2. The e-Procurement portal of the Government of Odisha is "<https://tendersodisha.gov.in>".
3. Use of valid Digital Signature Certificate of appropriate class (class II or Class III) issued from a registered Certifying Authority (CA) as stipulated by Controller of Certifying Authorities. (CCA), Government of India such as n-Code, Sify, TCS, MTNL, e-Mudhra etc is mandatory for all users.
4. The DSC issued to the Department users is valid for the period of two years only. All the Department users are responsible to revalidate their DSC prior to expiry.
5. For all purpose, the server time displayed in the e-procurement portal shall be the time to be followed by all the users.
6. Government after careful consideration has decided to host all tenders costing 20 lakhs or above in the e-procurement portal. This will be applicable across all Engineering Departments such as Works Department, Department of Water Resources, Rural Development and Housing & Urban Development Department. Government of Odisha also welcomes hosting of tenders by any other departments, authority, corporations and local bodies etc., of the State with prior approval from Information Technology Department.
7. The e-procurement shall be operated compliant to relevant provisions of OGFR / OPWD code/ Accounts Code/ Government statutes including any amendments brought from time to time to suit to the requirement of the best national practice.
8. Registration in the e-procurement portal is without levy of any charges but Government reserves the right to levy any charges for such value added services in future.
9. Contractors not registered with Government of Odisha, can participate in the e-procurement after necessary enrolment in the portal but have to subsequently register themselves with the appropriate registering authority of the State Government before award of the work as per prevalent registration norms of the State.
10. For the role management "Department", is the Administrative Department, Organisation or wing is the Chief Engineer or highest tender accepting authority or equivalent officer

under the Administrative Department, Circle is the Additional Chief Engineer or equivalent officer, Division is the Executive Engineer or equivalent officer and sub-division is the Assistant Engineer or equivalent officer.

11. The e-procurement software assigns role for operation of the module for specific function. The terminologies used in the Portal and their respective functions in the software are as follows:

- a. Application Administrator: (NIC and State Procurement Cell)
 - i. Master Management
 - ii. Nodal officer creation
 - iii. Report Generation
 - iv. Transfer and blocking of officers.
- b. Nodal Officer (At organisation level not below the Additional Chief Engineer or equivalent rank).
 - i. Creation of Users
 - ii. Role Assignment
 - iii. Transfers and blocking of Officers
- c. Procurement Officer- Publisher (Officer having Tender inviting power at any level).
 - i. Publishing of Tender
 - ii. Publishing of Corrigendum / addendum/ cancellation of Tender
 - iii. Bid Clarification
 - iv. Uploading of pre-Bid Minutes
 - v. Report generation
- d. Procurement Officer – Administrator: (Generally sub-ordinate officer to Officer inviting the tender).
 - i. Creation of Tender
 - ii. Creation of corrigendum / addendum/ cancellation of Tender
 - iii. Report generation
- e. Procurement officer – Opener (Generally sub-ordinate officer to officer inviting the Tender).
 - i. Opening of Bid
- f. Procurement officer – Evaluator (Generally sub-ordinate officer to officer inviting the Tender).
 - i. Evaluating Bid
- g. Procurement officer – Auditor (Procurement Officer – Publisher and/or Accounts Officer/ Finance Officer).
 - i. To take up auditing.

12. **NOTICE INVITING BIDS (NIB) OR INVITATION FOR BID (IFB):**

- a. The Notice inviting Bids (NIB) and Bid documents etc., shall be in the standard formats as applicable to conventional Bids and will be finalized/ approved by the officers competent as in the case of conventional Bids.
- b. The officers competent to publish NIB in case of conventional Bids will host the NIB in the portal. Simultaneously, a notification should also be published in the newspapers, as per existing rules preferably, in the following format, to effect economy:-

Government of Odisha “e” procurement Notice
Bid Identification No:_____

1. Name of the Work:_____
2. Estimated cost Rs._____
3. Period of completion:_____
4. Date & time of availability of bid document in the portal_____
5. Last date/ time for receipt of bids in the portal:_____
6. Name and address of the Officer inviting Bid:_____

Further details can be seen from the e-procurement portal
“<https://tendersodisha.gov.in>”

- c. All the volumes/ documents shall be uploaded in the portal by the Procurement Officer Administrator and published by Procurement Officer Publisher (Officer inviting tender) using their DSCs in appropriate format so that the document is not tampered with.
- d. The tender documents published by the Tender Inviting Officer (Procurement Officer Publisher) in the website <https://tendersOdisha.gov.in> will appear in the “Latest Active Tenders”. The Bidders/ Guest Users can download the Bid documents only after the due date & time of sale. the publication of the tender will be for specific period of time till the last date of submission of bids as mentioned in the ‘Notice Inviting Bid’ after which the same will be removed from the list of Latest Active tenders.

13. ISSUE OF ADDENDA/ CORRIGENDA/ CANCELLATION NOTICE:

- a. The Procurement Officer Publisher (Officer inviting tender) shall publish any addendum/ corrigendum/ cancellation of tender in the website <https://tendersOdisha.gov.in>, notice board and through paper publication and such notice shall form part of the bidding documents.
- b. The system shall generate a mail to those bidders who have already uploaded their tenders and those bidders if they wish, can modify their tender.

14. PARTICIPATION IN BID

- a. **PORTAL REGISTRATION:** The Contractor/ Bidder intending to participate in the bid is required to register in the portal using his/ her active personal/ official e-mail ID as his/ her Login ID and attach his/ her valid Digital signature certificate (DSC) to his/ her unique Login ID. He/ she will enter relevant information as asked for about the firm/ contractor. This is a one time activity for registering in Portal.
 - i. Bidders participating through Joint Venture shall declare the authorized signatory through Memorandum of Understanding duly registered and enrol in the portal in the name and style of the Joint Venture Company. It is mandatory that the DSC issued in the name of the authorized signatory is used in the portal.
 - ii. Any third party/ company/ person under a service contract for operation of e-procurement system in the State or his/ their subsidiaries or their parent companies shall be ineligible to participate in the procurement processes that are undertaken through the e-procurement system irrespective of who operates the system.
- b. **LOGGING TO THE PORTAL:** The Contractor/ Bidder is required to type his/ her Login ID and password. The system will again ask to select the DSC and confirm it with the password of DSC as a second stage authentication. For each login, a

user's DSC will be validated against its date of validity and also against the Certificate Revocation List (CRL) of respective CA stored in system database. The system checks the unique Login ID, password & DSC combination and authenticates the login process for use of portal.

- c. **DOWNLOADING OF BID:** The bidder can download the tender of his choice and save it in his system to undertake necessary preparatory work off-line and upload the completed tender at his convenience before the closing date and time of submission.
- d. **CLARIFICATION ON BID:** The bidder may ask question online in the e-procurement portal using his/ her DSC; provided the questions are raised within the period of seeking clarification as mentioned in tender call notice/ Bid. The officer inviting the bid/ procurement officer- publisher will clarify queries related to the tender.
- e. **PREPARATION OF BID:**
 - i. The bids may consist of general arrangements drawings or typical or any other drawing relevant to the work for which bid has been invited. Bidder may download these drawings and take out the print for detail study and preparation of his bid. Any other drawings and documents pertaining to the works available with the officer inviting the Bid will be open for inspection by the bidders.
 - ii. The bidder shall go through the Bid carefully and list the documents those are asked for submission. He shall prepare all documents including cost of Bid document, Bid security, Declaration form, price bid etc and store in the system.
- f. **PAYMENT OF EMD/ BID SECURITY AND COST OF BID DOCUMENTS:**
 - i. The Bidder shall furnish, as part of his Bid, a bid security for the amount mentioned under NIT/ Contract Data. The bidder shall scan all the written / printed pages of the bid security and upload the same in portal document format (PDF) to the system in designated piece of the technical Bid. Furnishing scanned copy of such documents is mandatory otherwise his/ her bid shall be declared as non-responsive and liable for rejection.
 - ii. The EMD or Bid Security payable along with the bid is 1% of the estimated contract value (ECV) or as mentioned in the bid document. The validity period of the EMD or Bid Security shall be as mentioned in the bid document. Any bid not accompanied by an acceptable Bid Security and not secured as indicated in the bid document shall be rejected as non-responsive. The bid security shall be retained till such time the successful bidder furnishes Initial Security Deposit (ISD) or Performance security acceptable to the officer inviting the Bid. Failure of the successful Bidder to comply with the requirements shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security. The Bid security in the form of FD/ BG shall be from a Nationalized Bank valid for a period of 45 days beyond the validity of the Bid. Bid Security in other form is acceptable if the bid documents provides for it.
 - iii. The Fixed Deposit / Bank Guarantee or any other form as mentioned in detailed tender call notice in respect of Earnest Money Deposit / Bid Security and the Bank Draft in respect of cost of Bid are to be scanned and uploaded in portable document format (PDF) along with the bid.
 - iv. The bidder shall provide the cost of bid and the Bid Security in a sealed cover superscripting the name of the work for which the instruments are intended and the Officer Inviting the Bid. He/ she is not required to write his/

her name on the cover. The original FD/BG/BD shall be physically produced before the Officer inviting the Bid or the concerned Division/ Circle/ Chief Engineer before the specified period mentioned in the bid; which in no case shall be less than three days excluding the last date of submission and opening of bids (Technical cover opening in case of Double Cover System). The bidder is also allowed to submit the original FD/BG/BD by Registered Post/ Speed post or any other delivery system before the last date & time of opening of tender.

- v. The officers authorized by the procurement officer – Publisher (Officer inviting Tender) shall transmit the sealed envelopes carefully to the procurement officer – Publisher prior to opening of the Bid. The procurement officer – publisher shall provide signed receipt with date and time for having received the number of sealed envelopes.
- vi. The Procurement officer – Publisher (Officer inviting the tender) or other concerned officers authorized to receive the original Bid security and Bid cost on behalf of the Procurement Officer – Publisher shall not be responsible for any postal delay and/ or non – receipt of the original copy of the bid security on or before specified date and time. Non submission of bid security within the designated period shall debar the bidder from participating in the on-line bidding system and his portal registration shall be blocked. His name shall also be informed to the registering authority for cancellation of his registration as contractor.
- vii. Contractor exempted from payment of EMD will be able to participate in the tender directly by uploading documentary evidence towards his eligibility for such exemption.
- viii. Government or Odisha has been actively considering integrating e-payment gateway into the portal for payment of cost of Bid and Bid Security/ Earnest Money Deposit. The process of using e-payment gateway shall be issued separately after it is established.

15. SUBMISSION OF BID:

- a. The bidder shall carefully go through the tender and prepare the required documents. The Bid shall have a Technical Bid & a Financial Bid. The Technical Bid generally consist of cost of Bid documents, EMD/ Bid Security, GSTIN, PAN/ TIN, Registration Certificate, Affidavits, Profit Loss Statement, Joint Venture Agreement. List of similar nature works, work in hand, list of machineries, and any other information required by OIT. The Price bid shall consist of the Bill of Quantities (BoQ) and any other price related information/ undertaking including rebates.
- b. The protected Bill of Quantities (BoQ) uploaded by the Procurement Officer – Publisher for the Bid is the authentic BOQ. Any alteration or deletion or manipulation in BoQ shall lead to cancellation of Bid.
- c. The Bidder shall up load the scanned copy/ copies of document in support of eligibility criteria and qualification information in prescribed format in Portable Document Format (PDF) to the portal in the designated locations of Technical Bid.
- d. The Bidder shall write his name in the space provided in the specified location in the Protected Bill of Quantities (BOQ) published by the officer inviting tender. the bidder shall type rates in figure only in the rate column of respective item(s) with out leaving any blank cell in the rate column in case of item rate tender and type percentage excess or less upto one decimal place only in case of percentage rate tender.
- e. The bidder shall log on to the portal with his/ her DSC and move to the desired tender for uploading the documents in appropriate place one by one simultaneously checking the documents.

- i. Bids can not be submitted after due date and time. The bids once submitted can not be viewed, retrieved or corrected. The Bidder should ensure correctness of the bid prior to uploading and take print out of the system generated summary of submission to confirm successful uploading of bid. The bids can not be opened even by the OIT or the procurement officer – Publisher / opener before the due date and time of opening.
- ii. Each process in the e-procurement is time stamped and the system can detect the time of log in of each user including the Bidder.
- iii. The Bidder should ensure clarity / legibility of the document uploaded by him to the portal.
- iv. The system shall require all the mandatory forms and fields filled up by the contractor during the process of submission of the bid/ tender.
- v. The bidder should check the system generated confirmation statement on the status of the submission.
- vi. The Bidder should upload sufficiently ahead of the bid closure time to avoid traffic rush and failure in the network.
- vii. The tender inviting officer is not responsible for any failure, malfunction, or breakdown of the electronic system used during the e-procurement process.
- viii. The Bidder is required to up load documents related to his eligibility criteria and qualification information and Bill of Quantities duly filled in. It is not necessary for the part of the Bidder to up-load the drawings and other Bid documents (after signing) while up-loading his bid. It is assumed that the bidder has referred all the drawings and documents uploaded by the Officer inviting the Bid.
- ix. Seeking any revision of rates or backing out of the bid claiming for not having referred to any or all documents provided in the Bid by the Officer inviting the Bid will be construed as plea to disrupt the bidding process and in such cases the bid security shall be forfeited.
- x. The bidder will not be able to submit his bid after expiry of the date and time of submission of Bid (server time). The date & time of bid submission shall remain unaltered even if the specified date for the submission of bids declared as a holiday for the Officer inviting the Bid.

- f. **SIGNING OF BID:** The 'online bidder' shall digitally sign on all statements, documents, certificates uploaded by him, owning responsibility for their correctness/ authenticity as per IT ACT 2000. If any of the information furnished by the bidder is found to be false/ fabricated / bogus, his EMD/ Bid security shall stand forfeited and the bidder is liable to be blacklisted.

16. **SECURITY OF BID SUBMISSION:**

- a. All bid uploaded by the Bidder to the portal will be encrypted.
- b. The encrypted Bid can only be decrypted/ opened by the authorised openers on or after the due date and time.

17. **RESUBMISSION AND WITHDRAWAL OF BIDS:**

- a. Resubmission of bid by the bidders for any number of times before the final date and time of submission is allowed.
- b. Resubmission of bid shall require uploading of all documents including price bid afresh.
- c. If the bidder fails to submit his modified bids) within the pre-defined time of receipt, the system shall consider only the last bid submitted.

- d. The bidder should avoid submission of bid at the last moment to avoid system failure or malfunction of internet or traffic jam or power failure etc.
- e. The Bidder can withdraw his bid before the closure date and time of receipt of the bid by uploading scanned copy of a letter addressing to the procurement officer – Publisher (Officer Inviting Tender) citing reasons for withdrawal. The system shall not allow any withdrawal after expiry of the closure time of the bid.

18. OPENING OF THE BID:

- a. Bid opening date and time is specified during tender creation or can be extended through corrigendum. Bids can not be opened before the specified date & time.
- b. All bid openers have to log on to the portal to decrypt the bid submitted by the bidders.
- c. The bidders & guest users can view the summary of opening of bids from any system. Contractors are not required to be present during the bid opening at the opening location if they so desire.
- d. In the event of the specified date of bid opening being declared a holiday for the officer inviting the Bid, the bids will be opened at the appointed time on the next working day.
- e. In case bids are invited for more than one package, the order for opening of the “Bid” shall be that in which they appear in the “Invitation for Bid”.
- f. During bid opening, the covers containing original financial instruments towards cost of bid and Bid Security in the form specified in the DTCN/ ITB valid for the period stated in the Bid, received after last date of receipt of bid and before opening of the bids shall be opened and declared. The Procurement Officer – Opener shall continue opening of other documents if he is satisfied about the appropriateness of the cost of Bid and the Bid security.
- g. Combined bid security for more than one work is not acceptable.
- h. The electronically submitted bids may be permitted to be opened by the predefined Bid opening officer from their new location if they are transferred after the issue of Notice Inviting Bid and before bid opening. Further action on bid documents shall be taken by the new incumbent of the post.

19. EVALUATION OF BIDS:

- a. All the opened bids shall be down loaded and printed for taking up evaluation. The procurement Officer – Openers shall sign on each page of the documents downloaded and furnish a certificate that the documents as available in the portal for the tender have been down loaded.
- b. The Procurement Officer – Evaluators shall take up evaluation of bids with respect to the qualification information and other information furnished subject to confirmation of the bid security by the issuing institutions.
- c. After receipt of confirmation of the bid security, the bidder may be asked in writing to clarify on the documents provided in the Technical Bid, if necessary, with respect to any doubts or illegible documents. The Officer Inviting Tender may ask for any other document of historical nature during Technical evaluation of the tender. Provided in all such cases, furnishing of any document in no way alters the Bidder’s price bid. Non submission of legible documents may render the bid non-responsive.
- d. The bidders will respond in not more than 7 days of issue of the clarification letter, failing which the bid of the bidder will be evaluated on its own merit.
- e. Technical evaluation of all bids shall be carried out as per information furnished by Bidders. But evaluation of bids does not exonerate bidders from checking their original documents at later date. If the bidder is found to have misled the evaluation through wrong information, action as per relevant clause of DTCN / ITB shall be taken against the bidder/ contractor.

- f. The procurement Officer- Evaluators; will evaluate bids and finalise list of responsive bidders.
 - g. The financial bids of the technically responsive bidders shall be opened on the due date of opening. The Procurement Officer – Openers shall log on to the system in sequence and open the financial bids.
 - i. The Price bid will be opened on the notified date & time in the presence of bidders or their authorised representative who wish to be present.
 - ii. At the time of opening of “Financial Bid”, bidders whose technical bids were found responsive will be opened.
 - iii. The responsive bidders name, bid prices, item wise rates, total amount of each item in case of item rate tender and percentage above or less in case of percentage rate tenders will be announced.
 - iv. Procurement Officer- Openers shall sign on each page of the downloaded BOQ and the comparative statement and furnish a certificate to that respect.
 - v. Bidder can witness principal activities and view the documents/ summary reports for that particular work by logging on to the portal with his DSC from any where.
20. **NEGOTIATION OF BIDS:**
- a. For examination, evaluation, and comparison of bids, the officer inviting the bid may, at his discretion, ask the lowest bidder for clarification of his rates including reduction of rate on negotiation and breakdown of unit rates.
21. **NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT:**
- a. The Employer/ Engineer-in-charge shall notify acceptance of the work prior to expiry of the validity period by cable, telex or facsimile or e-mail confirmed by registered letter. This Letter of Acceptance will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution & completion of the Works by the Contractor as prescribed by the contract & the amount of performance security and additional performance security required to be furnished. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
 - b. The Contractor after furnishing the required acceptable performance security and additional performance security, “Letter to Proceed” or “Work Order” shall be issued by the Engineer-in-Charge with copy thereof to the Procurement Officer – Publisher. The Procurement Officer – Publisher shall up load the summary and declare the process as complete.

Sd/-24.01.2009
EIC-CUM-SECRETARY TO GOVERNMENT