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## NOTICE INVITING E-TENDERS

The Assistant Engineer (E), ESD-I, Kolkata-2, CPWD, Kolkata on behalf of President of India invites online percentage rate Single bid from enlisted CPWD contractors in appropriate class of “Building & Road Category” for the following work :-

NIT No: **28/AE-E/ESD-I/KOL-II/CPWD/2026-27**

**Name of Work:** Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.

Estimated\_Cost: **Rs. 3,59,118.00**

Period of Completion: **10 Days**

Last Date and Time of Online Submission of Tender: **15.07.2026, 15:00hrs.**

Date of opening of bid: **15.07.2026, 15:30hrs**

The bid forms and other details can be obtained from the website <https://etender.cpwd.gov.in>.

## INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING

The Assistant Engineer (E), ESD-I, Kolkata-2, CPWD, Kolkata on behalf of President of India invites online percentage rate Single bid from enlisted CPWD contractors in appropriate class of “Building & Road Category” for the following work :-

| Sl. No. | NIT No.                           | Name of work & Location   | ECPT                   | Earnest money       | Period of completion | Last Date & Time of submission of bid      | Time & Date of opening of bid          |
|---------|-----------------------------------|---|------------------------|---------------------|----------------------|--|--|
| 1       | 2                                 | 3   | 4                      | 5                   | 6                    | 7  | 8                                      |
| 1       | 28/AE-E/ESD-I/KOL-II/CPWD/2026-27 | <b>Servicing &amp; Overhauling of 25HP &amp; 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes &amp; Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.</b> | <b>Rs. 3,59,118.00</b> | <b>Rs. 7,182.00</b> | <b>10 Days</b>       | <b>Up to 15.07.2026<br/>Till 15:00hrs.</b> | <b>On 15.07.2026<br/>at 17:30 hrs.</b> |

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> free of cost.
4. The bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker’s Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.
5. Those agencies not registered or have not updated their profile on the website mentioned above, are

required to get registered/ update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>

6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>
7. On opening date, the agency can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
8. Agency can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

AE(E)/ESD-I/KOL-II

### **List of Documents to be scanned and uploaded within the period of bid submission**

1. Insurance Surety Bond/Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
2. Copy of receipt of deposition of original EMD issued from division office of any Executive Engineer (including NIT issuing EE/AE), CPWD.
3. GST registration certificate, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any Payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard".

4. Valid electrical license in the name of agency or *an undertaking to associate an agency having valid electrical license of appropriate voltage in its name issued by the State Government concerned under Section 45 of the Indian Electricity Rules, 1956 as amended from time to time, for execution of work which requires such a license. Such associate agency shall keep valid electrical license throughout the period of execution of work by getting it renewed at suitable intervals. **In the event of any default on the part of the contractor in this regard, he/she is liable to be debarred. (approved CPWD Building & Roads category contractors).***
5. Copy of ERP Training Certificate issued by CPWD **for CPWD Enlisted Contractors**. In the event of non-uploading of said certificate of training, the contractor will not be allowed to participate in tendering process. *"In case of **non-enlisted contractor (Specialised firms)** being first lowest in any of the tender then either contractor himself or his authorized representative shall take compulsory*

*ERP training through any of the CPWD Regional Training institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD within two months from the date of issue of intent letter. Training will be valid only when non enlisted contractor is registered in LMS of ERP and certificate is issued through LMS of ERP. Failure to do so, a recovery of Rs. 10,000/- per week shall be made from the R/A bill without giving any show cause notice in this regard."*

AE(E)/ESD-I/KOL-II

**Receipt of deposition of original EMD**

**(Receipt No. ....../Date.....)**

**Name of the work: Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.**

**1. NIT No: 28/AE-E/ESD-I/KOL-II/CPWD/2026-27**

**2. Estimated Cost. Rs. 3,59,118.00**

**3. Amount of Earnest Money Deposit: Rs. 7,182.00**

**4. Last date of submission of bid 15.07.2026 till 15:00hrs.**

*(\*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded along with NIT)*

1. Name of Contractor: \_\_\_\_\_#

2. Form of EMD: \_\_\_\_\_#

3. Amount of Earnest Money Deposit: \_\_\_\_\_#

4. Date of Submission of EMD: \_\_\_\_\_#

*Signature, Name and Designation of EMD  
Receiving officer (EE/DDH/ any  
subordinate gazette authority as  
authorized by the Engineer-in-Charge)  
Along with office stamp*

## CPWD-6 FOR E-TENDERING

1. The Assistant Engineer (E), ESD-I, Kolkata-2, CPWD, Kolkata on behalf of President of India invites online percentage rate Single bid from **Eligible CPWD Building & Roads category contractors** for the following work:

**“Name of the work: Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.**

The enlistment of the contractors should be valid on the last date of submission of bids.

In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

1.1 The work is estimated to cost **Rs. 3,59,118.00**. This estimate, however, is given merely as a rough guide.

~~1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.~~

1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

**1.2.1 Criteria of eligibility for submission of bid documents: As per INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING, Para 1 (a) & (b)**

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **10 Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. The site for the work is available.

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other

necessary documents except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> in free of cost.

6. After submission of the bid the agency can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, agency can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer (E), KCED-I, CPWD, Kolkata-20**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder within a week physically in the office of

tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at **15:30Hrs on 15.07.2026**

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:
  - (i) The bidder is found ineligible.
  - (ii) The bidder does not upload all the documents as stipulated in the bid document.
  - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
  - (iv) **If a tenderer quotes NIL rates against each item in item rate tender or does not quote any percentage above/ below on the total amount of the tender or any section / sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.**
11. The agency whose bid is accepted will be required to furnish performance guarantee specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form in favour of **Executive Engineer (E), KCED-I, CPWD, Kolkata-20**. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F. The agency whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub-agencies, if any engaged by the agency for the said work and programme chart (Time and Progress) within the period specified in Schedule F.
12. The description of the work is as follows:

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the agencies who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The agency shall not be permitted to bid for works in the CPWD Circle (Division in case of agencies of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the agency would render him liable to be removed from the approved list of agencies of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as an agency for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the agency or any of

- his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the agency's service.
18. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and 75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further,
- (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
  - (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
  - (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work
19. This notice inviting Bid shall form a part of the contract document. The successful bidders/agency, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - (b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

AE(E)/ESD-I/KOL-II

**GOVERNMENT OF INDIA**

**CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: Kolkata

Sub Division-I

DIVISION: EE (E), Kolkata-2

ZONE: CE-Kolkata

**PERCENTAGE RATE TENDER & CONTRACT FOR WORKS**

Tender for the work of: **Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.**

To be submitted by 15:00hours on **15.07.2026** online on website: <https://etender.cpwd.gov.in>

To be opened online at 15:30hours on **15.07.2026**

**TENDER**

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E& F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Thirty (30) days from the due date of its opening and not to make any modification in its terms and conditions.

Whereas, I/We..... (name of agency) ..... have submitted bids for  
..... (name of Work) .....

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another agency on back to back basis. Further that, if such a violation comes to the notice of Department, then I / we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated: -

Signature of Agency

Witness: -

Postal Address: -

Address: -

Occupation: -

**ACCEPTANCE**

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the President of India for a sum of (Rupees.....).

The letters referred to below shall form part of this contract agreement: -

(a)

(b)

For & on behalf of President of India

Signature .....

Dated:

Designation .....

To  
M/s

Sub: NIT No..... for the work

Dear Sir,

It is here by declared that CPWD is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the CPWD.

Yours faithfully,

Assistant Engineer (E)  
KCESD-I/KCED-II/CPWD  
Nizam Palace, Kolkata-20

To,  
Assistant Engineer (Elect.),  
KCESD-I, KCED-II, CPWD  
Nizam Place, Kol-20

Sub: Submission of Tender for the work of

Dear Sir,

I/We acknowledge that CPWD is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, CPWD shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

**To be signed by the bidder and same signatory competent / authorized to  
Sign the relevant contract on behalf of CPWD.**

**INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this ..... day of .....20.....

**BETWEEN**

President of India represented through Executive Engineer, .....,  
(Name of Division)

CPWD, ....., (Hereinafter referred as the  
(Address of Division)

**'Principal/Owner'**, which expression shall unless repugnant to the meaning or  
context hereof include its successors and permitted assigns)

**AND**

.....  
(Name and Address of the Individual/firm/Company)

through ..... (Hereinafter referred to as the  
(Details of duly authorized signatory)

**"Bidder/Contractor"** and which expression shall unless repugnant to the meaning or context  
hereof include its successors and permitted assigns).

**Preamble**

WHEREAS the Principal / Owner has floated the Tender (NIT No. ....  
.....) (hereinafter referred to as **"Tender/Bid"**) and intends to award, under laid  
down organizational procedure, contract for .....

.....  
.....  
.....  
..... hereinafter referred to as the **"Contract"**.

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land,  
rules, regulations, economic use of resources and of fairness / transparency in its relation with  
its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into  
this Integrity Agreement (hereinafter referred to as **"Integrity Pact"** or **"Pact"**), the terms and  
conditions of which shall also be read as integral part and parcel of the Tender/Bid documents  
and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

**Article 1: Commitment of the Principal/Owner**

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
- c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code(IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

**Article 2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

- a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
- b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
- c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### **Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**

- 2) **Forfeiture of EMD/Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

#### **Article 4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

#### **Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.

- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, alongwith the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

### **Article 6- Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 30 Days after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CPWD.

### **Article 7- Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters of the Division** of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/ Pact or interpretation there of shall not be subject to arbitration.**

**Article 8- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
(For and on behalf of Principal/Owner)

.....  
(For and on behalf of Bidder/Contractor)

WITNESSES:

1. ....  
(signature, name and address)

2. ....  
(signature, name and address)

Place:

Dated :

**PROFORMA OF SCHEDULES**

**Name of Work: Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c.**

**Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c.**

**Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.**

**SCHEDULE 'A'**

Schedule of quantities: As per schedule of quantity at Page: **33-34**

**SCHEDULE 'B'**

Schedule of materials to be issued to the agency.

| S. No.          | Description of item | Quantity | Rate in figure & words at which the materials will be charged to the agency | Place of Issue |
|-----------------|---------------------|----------|---|----------------|
| 1               | 2                   | 3        | 4   | 5              |
| ----- NIL ----- |                     |          |   |                |

**SCHEDULE 'C'**

Tools and plants to be hired to the agency

| S. No.          | Description | Hire charges per day | Place Of Issue |
|-----------------|-------------|----------------------|----------------|
| 1               | 2           | 3                    | 4              |
| ----- NIL ----- |             |                      |                |

**SCHEDULE 'D'**

Extra schedule for specific requirement the work, if any.- -----NIL-----

**SCHEDULE 'E'**

General Conditions of Contract -2023

Reference to General Conditions of Contract:- (Maintenance Work) amended till date.

**Name of Work: Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c.**

**Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c.**

**Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.**

- (i) Estimated cost work : Rs. 3,59,118.00
- (ii) Earnest Money : 2% of ECPT
- (iii) Performance Guarantee : a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).

**(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance**

**Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.**

- (iv) Security Deposit : 2.5% of tendered value

**SCHEDULE 'F': -****General Rules & Directions: -**

|  |   |  |
|--|---|--|
| Officer inviting tender:   | : | <b>Assistant Engineer (E), ESD-I, Kolkata-II, CPWD, Kolkata.</b> |
| Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 | : | <b>Refer Clause 12</b>   |

**Definitions:**

|  |   |  |
|--|---|--|
| 2 (v) Engineer-in-Charge   | : | <b>Assistant Engineer (E), ESD-I, Kolkata-II, CPWD, Kolkata.</b>           |
| 2 (viii) Accepting Authority   | : | <b>Assistant Engineer (E), ESD-I, Kolkata-II, CPWD, Kolkata.</b>           |
| 2 (x) Percentage on cost of materials and labour to cover all overheads and profits. | : | <b>15%</b>   |
| 2 (xi) Standard schedule of Rates  | : | <b>Market Rate</b>   |
| 2 (xii) Department   | : | <b>CPWD</b>  |
| 9 (ii) Standard CPWD contract form   | : | <b>CPWD form 7 (Percentage rate) as modified and corrected up to date.</b> |

**Clause 1**

|   |   |                |
|---|---|----------------|
| Time allowed for submission of Performance Guarantee from the date of <b>issue of letter of acceptance, programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC, and BOCW welfare Board or proof of applying thereof from the date of issue of letter of acceptance.</b> | : | <b>03 days</b> |
| Maximum allowable extension with late fee 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above.   | : | <b>02 days</b> |

**Clause 2**

|  |   |                                |
|--|---|--------------------------------|
| Authority for fixing compensation under clause - 2 | : | <b>Chief Engineer- Kolkata</b> |
|--|---|--------------------------------|

**Clause 2A**

|                                       |   |    |
|---------------------------------------|---|----|
| Whether Clause 2A shall be applicable | : | No |
|---------------------------------------|---|----|

**Clause 5**

|   |   |         |
|---|---|---------|
| Number of days from the date of issue of letter of acceptance for reckoning date of start | : | 05 Days |
|---|---|---------|

**Note:** - Levy of compensation under clause-2 will be granted by the **Chief Engineer- Kolkata**

**MILE STONE (S) AS PER TABLE GIVEN BELOW****Table of Milestone (s)**

| S.No. | Description of Milestone (Physical) | Time allowed in days (from date of start) | % Amount of tendered cost to be with-held in case of non achievement of Milestone |
|-------|-------------------------------------|---|---|
|       |                                     | N.A                                       |   |
|       | Time allowed for execution of work  | :   | 10 Days   |

**Authority to decide:**

|   |   |   |
|---|---|---|
| 1. Extension of time  | : | Assistant Engineer (E), ESD-I, Kolkata-II, CPWD, Kolkata. |
| 2. Rescheduling of mile stones  | : | NA  |
| 3. Shifting of date of start in case of delay in handing over of site | : | Assistant Engineer (E), ESD-I, Kolkata-II, CPWD, Kolkata. |

**Clause 6**

|                       |   |   |
|-----------------------|---|---|
| Clause applicable – 6 | : | Electronic Measurement Book (EMB) through CPWD ERP portal |
|-----------------------|---|---|

**Clause 7 :-**

Gross work to be done together with net :  
payment / adjustment of advances for

material collected, if any, since the last such payment for being eligible to interim Payment.

**Rs. 05 Lakh or as mutually agreed upon**

Whether Clause 7A shall be applicable. | : |

**Clause  
10A**

List of testing equipment to be provided by the agency at site lab. **As per instruction of Engineer-in-charge & requirements**

**Clause 10 - B(ii) :-**

Whether clause 10-B(ii) shall be Applicable : **No**

**Clause 10C**

**Component of labour expressed as percent of value of work: 25%**

|                     |  |   |  |
|---------------------|--|---|--|
| <b>Clause 10 CA</b> | <b>Materials covered under this clause</b> | <b>Nearest Material (other Than cement, reinforcement bars and Structural steel) for which All India Wholesale price index to be followed</b> | <b>Base price of all the materials covered under clause 10CA</b> |
|                     | <b>Not Applicable</b>                      |   |  |

**Clause 10 CC :-**

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.

**More than 12 Months**

Schedule of component of other Materials, Labour, POL etc. for price escalation.

**NA**

Component of civil (Except materials covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work.

**Not Applicable**

Component of labour expressed as percent of total value of work.

Component of POL expressed as percent of total value of work.

**Clause 11 :-**

|   |  |
|---|--|
| Specifications to be followed for execution of work | CPWD General Specification for Elect. Works Part-I & II (Internal & External)- 2023 etc. |
|---|--|

**Clause 12 :- Authority to decide deviation:** Maintenance Work

(i) 12.2 & 12.3 shall apply for foundation work (except earth work)

**NO LIMIT**

(ii) Deviation Limit for items in earth work sub head of DSR or related items

**NA**

**Clause 16 :-**

Competent Authority for deciding reduced

**Chief Engineer- Kolkata or successor thereof**

**Clause 18 :-**

List of mandatory machinery, tools & plants to be deployed by the agency at site.

**As per requirement at site**

**Clause 19 C/D/G/K:**

Authority to decide penalty on each default : EE(E), Kolkata-II

**Clause 25 :-**

Constitution of Dispute Redressal Committee:

| S. No | Description of DRC               |  |                                    |
|-------|----------------------------------|--|------------------------------------|
| 1     | Conciliator                      |  | Special Director General (Kolkata) |
| 2     | Arbitrator Appointment authority |  | Chief Engineer, Kolkata            |
| 3     | Place of arbitration             |  | Kolkata                            |

**Clause 32: "Requirement of Technical Representative (s) and Recovery Rates"**

| Sl. No. | Requirement of Technical Staff |        | Minimum Experience (Year) | Designation Technical Staff | Rate at which recovery shall be made from the contractor in the event of not fulfilling |
|---------|--------------------------------|--------|---------------------------|-----------------------------|---|
|         | Qualification                  | Number |                           |                             |   |
|         | (of Major Component)           |        |                           |                             |   |
| 1.      | N.A.                           |        |                           |                             |   |

## **TERMS AND CONDITIONS**

1. The work shall be carried out strictly in accordance with specification mentioned in description of item of work and also General CPWD specification for electrical works 2023-(Internal) as amended up to date wherever applicable.
2. All the material to be used on this work by the contractor shall be as per list of acceptable make and approved from the Engineer-in-Charge in advance before installation at the site.
3. The contractor shall initially submit the drawing/sketch/layout of the proposed work to EIC, which shall be approved by EIC after due examination. The contractor shall then start the work as per approved layout.
4. All damages done to the building during the execution of installation work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. In case, the repair is not satisfactory, the department will get it rectified & any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-charge about recovery shall be final & binding on the contractor.
5. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The program of electrical works is to be coordinated in accordance with occupants of the building as well as with civil works.
6. All the debris of the installation works should be removed and the site should be cleared by the contractor immediately after the accruing of derbies daily. Similarly, any rejected material should be immediately cleared off from the site by the contractor.
7. The contractor or his engineer is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
8. The contractor shall make his own arrangement at his own cost for Electrical/ General tools and plants required for the work.
9. The rates tendered should be inclusive all taxes and duties. Statutory deductions at source shall be made while releasing payment through running/final bills as applicable.
10. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. The watch & ward is the responsibility of the contractor till handing over. In case of any loss due to theft, the same shall be made good by the contractor on its own expenses

11. Notwithstanding the schedule of quantities, all items of interrelated works considered necessary to make the installation complete and operative are deemed to be included, shall be provided by the contractor at no extra cost.
  12. The connection, inter connection, earthing and inter earthing shall be done by the contractor wherever required and nothing extra shall be paid on this account.
  13. Nothing extra shall be paid for inter connections with thimbles/Wires/Tapes strips etc. used on the work.
  14. The contractor has to make his own arrangements for stores and watch and ward and no extra claim for this will be entertained.
  15. The wiring and conduit route shall be marked by the contractor in the drawing first, and shall be got approved from the Engineer-in-charge.
  16. The contractor shall on demand furnish the proof to the satisfaction of Engineer-in-charge regarding purchase of electronics items (CCTV and its associated inventories / devices) from the manufactures authorized outlets.
  17. Cutting of brick walls shall be done with due care. All repairs and patch works shall be neatly carried out to match the original finish and to the entire satisfaction of the Engineer in Charge.
  18. All hardware items such as screws, thimbles, GI wire etc. which are essentially required for completing an item as per specification will be deemed to be included in the item even when the same have not been specifically mentioned.
  19. Any conduit which is not be wired by the contractor shall be provided with GI fish wire for wiring for some other agency subsequently. Nothing extra shall be paid for the same.
  20. While laying conduit, suitable size junction boxes shall be provided for pulling the wire as per the decision of the Engineer-in-Charge.
  21. The make of the materials have been indicated in the list of acceptable makes. No other makes will be acceptable. The materials to be used in the work shall be got approved by the Engineer in Charge/his representative before its use at site. The E-in-C shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not acceptable.
  22. The materials used in the work shall be of approved make as per **Annexure-A**.
  23. Defect Liability Period: All the installations shall be guaranteed for a period of 12 months from the date of completion. Any defective materials and equipment shall be replaced free of cost at the direction of the Engineer-in-Charge.
  24. The contractor will have to hand over all the dismantled material to the AE (E)/JE (E) In-Charge at his store immediately after the dismantling for which no extra payment shall be made.
1. The firm should arrange guarantee of LED fitting from OEM/ Authorise dealer for a period of **5 years from the date of completion of work**. The certificate in this regard shall be deposited in the office prior to installation of fittings.
  2. The LED fitting proposed to be installed shall be of following specification.
    - (a) Luminous efficacy(luminous/watt)  $\geq 100$
    - (b) Correlated colour temperature (CCT)  $\geq 5500^{\circ}$  K or otherwise specified.
    - (c) Colour rendering index (CRI)  $\geq 80\%$  (For Indoor applications)
    - (d) LM 79 and LM 80 test report to be submitted.
  3. 50% of the Performance Guarantee shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate.
  4. 50% of the Performance Guarantee shall be retained as Security Deposit.
  5. 50% of the Performance Guarantee retained as Security Deposit plus 2.5% Security already deducted from running bills (total 2.5 + 2.5 = 5%) shall be refunded year wise proportionately.

**List of Acceptable Make**

| <b>S.NO.</b> | <b>DESCRIPTION</b>                   | <b>MAKE</b>                           |
|--------------|--------------------------------------|---------------------------------------|
| 1            | WIRE/CABLE                           | POLYCAB/FINOLEX/BCH/HAVELLS/KEI       |
| 2            | GI PIPE                              | JINDAL (HISSAR)/BANSAL/NEZONE/TATA    |
| 3            | SUBMERSIBLE OPENWELL PUMP            | CALAMA/BS/KSB/KIRLOSKAR               |
| 4            | NRV VALVE/GATE VALVE                 | LAKSHMI/HIND METAL/ZOLOTO/LEDDER      |
| 5            | PUMP MOTOR STARTER DOL/STAR<br>DELTA | BCH/L&T/SIEMENS                       |
| 6            | ANY OTHER ITEM                       | AS PER APPROVED BY ENGINEER-IN-CHARGE |

AE(E)/ESD-I/KOL-II

### Schedule of Work

**Name of Work:** Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.

| Sl. No. | Description of Item  | Qty | Rate | Unit     | Amount |          |
|---------|--|-----|------|----------|--------|----------|
| 1       | Dismantling the 25 HP capacity Centrifugal motor pump set from base plate i/c dismantal suction and delivery pipe line and electrical motor connection complete as reqd.   | 2   | Job  | 2170.00  | Job    | 4340.00  |
| 2       | Dismantaling of the 25 HP capacity Centrifugal pump motor set for complete overhulling & remetelizing of shaft, replacement of 2 nos ball bearing, 1 shaft sleeve and damaged part by new one then reassembling all parts i/c testing & trial run etc.as reqd.   | 1   | Job  | 19891.00 | Job    | 19891.00 |
| 3       | Dismantaling of the 25 HP capacity motor set for complete overhulling & shaft key, replacement of 2 nos ball bearing, then reassembling all parts i/c testing & trial run etc.as reqd.   | 1   | Job  | 18771.00 | Job    | 18771.00 |
| 4       | Complete painting of 25 HP capacity centrifugal pump motor set after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd.   | 2   | Job  | 3824.00  | Job    | 7648.00  |
| 5       | RE-Installation of 25 HP capacity Centrifugal Pump motor set in the existing base plate i/c connection, testing & commisioning etc as reqd.  | 2   | Job  | 2170.00  | Job    | 4340.00  |
| 6       | Dismantling the 40 HP capacity Centrifugal motor pump set from base plate i/c dismantal suction and delivery pipe line and electrical motor connection complete as reqd.   | 2   | Job  | 2453.00  | Job    | 4906.00  |
| 7       | Dismantaling of the 40 HP capacity Centrifugal pump set part by part and complete overhulling & repairing with replacement of 2nos ball bearing, 1no impeller ring,1 no Shaft sleeve, 1 no. Re-Metalizing SS shaft, 8nos stud nuts and body nut bolts i/c tyre coupling rubber change then reassembling all parts i/c less credit the dismantle materials etc as reqd. | 2   | Job  | 34027.00 | Job    | 68054.00 |
| 8       | S/F of 100 mm Dia G.I pipe (Medium class) i/c cutting, threading and socketing etc. i/c complete as reqd .   | 3   | mtr. | 1897.00  | mtr.   | 5691.00  |
| 9       | Complete painting of 40 HP capacity centrifugal pump motor set after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd.   | 2   | Job  | 4413.00  | Job    | 8826.00  |
| 10      | RE-Installation of 40 HP capacity Centrifugal Pump motor set in the existing base plate i/c fixing suction and delivery pipe line, then connection, testing & commisioning etc as reqd.  | 2   | Job  | 2736.00  | Job    | 5472.00  |

|    |  |   |     |              |      |                  |
|----|--|---|-----|--------------|------|------------------|
| 11 | Supply & Fixing of 80mm Dia Butterfly Gate Valve (ISI marked,make : ZOLOTO) in the plumbing line complete as reqd.   | 2 | Nos | 4875.00      | each | 9750.00          |
| 12 | Supply & Fixing of 15 mm dia GM gate valve in the plumbing line Complete as reqd.  | 8 | Nos | 2137.00      | each | 17096.00         |
| 13 | Supply & Fixing of 25 mm dia GM gate valve in the plumbing line Complete as reqd.  | 1 | Nos | 4098.00      | each | 4098.00          |
| 14 | Supply & Fixing of 80 mm dia GM gate valve in the plumbing line Complete as reqd.  | 3 | Nos | 22621.00     | each | 67863.00         |
| 15 | Supply & Fixing of 80 mm dia CIDF non return valve in the plumbing line Complete as reqd.  | 2 | Nos | 10900.00     | each | 21800.00         |
| 16 | Supply & Fixing of 125 mm dia CIDF non return valve in the plumbing line Complete as reqd.   | 1 | Nos | 22873.00     | each | 22873.00         |
| 17 | Supply & Fixing of 100 mm vertical check valve in the plumbing line Complete as reqd.  | 1 | Nos | 21482.00     | each | 21482.00         |
| 18 | S/F following medium class GI fittings in the existing suction & delivery line complete as reqd.   |   |     |              |      |                  |
| a  | 3" GI FLENGE   | 6 | Nos | 1225.00      | each | 7350.00          |
| b  | 4" GI FLENGE   | 2 | Nos | 2039.00      | each | 4078.00          |
| c  | 3" x 3" GI SHORT PES   | 3 | Nos | 532.00       | each | 1596.00          |
| d  | 4" x 6" GI SHORT PES   | 2 | Nos | 706.00       | each | 1412.00          |
| e  | 3" x 4" GI SHORT PES   | 2 | Nos | 497.00       | each | 994.00           |
| f  | 3" x 6" GI SHORT PES   | 4 | Nos | 635.00       | each | 2540.00          |
| g  | 3" x 9" GI SHORT PES   | 1 | Nos | 829.00       | each | 829.00           |
| h  | 3" x 12" GI SHORT PES  | 2 | Nos | 912.00       | each | 1824.00          |
| i  | 3/8" x 6" GI SHORT PES   | 4 | Nos | 194.00       | each | 776.00           |
| j  | 5" GI FLENGE   | 1 | Nos | 4357.00      | each | 4357.00          |
| 19 | Supply & Fixing of 4" sq Pressure gauge in the plumbing line complete as reqd.   | 6 | Nos | 1582.00      | each | 9492.00          |
| 20 | Complete painting of the following materials after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd. | 1 | Job | 6969.00      | Job  | 6969.00          |
| a  | 3"/4" MS GI pipeline 31.2 mtr  |   |     |              |      |                  |
| b  | 5"/6" MS GI pipeline 5.4 mtr   |   |     |              |      |                  |
| c  | 1/2"/1" MS GI pipeline 20.1 mtr  |   |     |              |      |                  |
| 21 | To & Pro transportation  |   |     | 4000.00      |      | 4000.00          |
|    |  |   |     | <b>Total</b> |      | <b>359118.00</b> |