

INDIAN INSTITUTE OF MANAGEMENT
KASHIPUR



TENDER DOCUMENT

NIT No.:- IIM Kashipur/QTO/2018-19/05 dt. 04/01/2019
Last date: - **25/01/2019** Time:- Upto 3:00 PM

Name of Work:-

**SUPPLY & INSTALLATION OF SUBMERSIBLE
PUMP AT IIM KASHIPUR**

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS

The Director, Indian institute of Management, Kashipur invites sealed item rate tenders from eligible and approved contractors/ supplier/ vender of CPWD/ PWD/ IIMs in the appropriate category for the following work(s):

SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR

S. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of tender	Time & date of opening of tender
1	IIM Kashipur/QTO/2018-19/05	SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP IN SECOND BORE-WELL WITH ACCESSORIES AND ASSOCIATED WORKS AT IIM KASHIPUR	9, 85, 495/-	25, 000/-	30 Days	Up to 3:00 pm on 25/01/2019	At 3:30 pm on 25/01/2019

1. The intending bidder must read the terms and conditions carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the document required.
2. Information and instruction for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specification, the schedule of quantities of various type of items to be executed and the set of terms and conditions of the contract to be compiled with can be seen and downloaded from website www.iimkashipur.ac.in
4. All the work shall be carried out as per latest CPWD detailed specification and /or as directed by Engineer-in charge.
5. In the given rates the tenderers advice to take into account the fluctuation in market rates. No claim shall be entertained on this account after acceptance.
6. In case of partnership firm, tender must be signed by each partner or member or by the person holding the power of attorney. In later case a copy of power of attorney attested by a Gazetted officer must be accompany the tender as required under the registration of firm and societies act.
7. The tendered rate shall include all quarrying charges, royalty, labour, tools and plants, cartage of material to site, stacking and removal charges of any rejected material all taxes i/e trade tax and other local tax payable to district board or municipal board.
8. Timely payment to the contractor is subject to availability of funds.
9. Time/Cost over runs and consequent cost escalation will not be permitted.
10. Income tax & GST shall be deducted as per rules applicable.

11. The contractor should inspect the site of work and acquaint himself with local condition before tendering the rates. No claim what so ever shall be entertained after wards.
12. Part tender may be not accepted for which no claim of the contractor shall be entertained.
13. Stamp duty as per stamp act and rate prevailing on the date of execution of contract bond shall be payable by the contractor on security deposit.
14. The quantities are liable to wide variation on either side, for which no claim shall be entertained.
15. In case of tender quotes different rates in figure and in words, the lower of the two will be considered.
16. The defects and recoveries pointed out at any stage even after finalization of the contract bond by technical audit cell or any inspecting officer shall be binding the contractor.
17. Conditional, incomplete, unsigned, unwitnessed tenders are liable to be rejection.
18. The contractors must write his correct & complete address in the tender and arrange to take delivery of letters written to him if any letter is undelivered in the address given. It will deemed to be delivered and content of letter will be binding of the contractor.
19. In case E/I decided the quality control test to be carried out in the laboratory of any recognized organization. The contractor shall makes all arrangement of collection, preparing and forwarding the required sample at his own cost. In case he or his authorised representative is not present or does not associate, the result of such test and consequences thereon shall be binding on the contractor.
20. The work shall be carried out in such a way that there is no hindrance to local people / traffic. The contractor shall be fully responsible for the safety of site, labour & other local conditions.
21. The contractor bond will be prepared on full 10% security depositing in the form of NSC/FDR/ DEMAND DRAFT/ NEFT/RTGS of any nationalised or scheduled bank and other post office deposits dully pledged to the "Indian Institute of Management, Kashipur". Or has to agree for recovery of ten percent of the value of the billed amount deduction from running bill as security deposit. Security deposit will be refunded at the end of defect liability period of 12 months from the date of completion of the work.
22. If the work executed is of sub-standard quality and there is a loss due to this reason 50% loosed amount shall be recovered from the contractor even after completion of work.
23. The tender form will be issued to the eligible contractors having successfully completed three similar works each of value 40% of estimated cost or two similar works each of value of 50% of estimated cost or one similar work of 80% of estimated cost for the work mentioned above in the last seven years ending last day of the month previous to the one in which the tenders are invited. The similar Works means the Building Work.
24. Intending tenderers must produce original/ Copy documents such as valid registration, GST registration certificate, partnership deed, experience certificate etc. Along with self-attested true copies enclosed with application before tender papers can be sold to them.

INDIAN INSTITUTE OF MANAGEMENT, KASHIPUR

NOTICE INVITING TENDER

1. Percentage/ price rate bids are invited from approved and eligible contractors.

SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR

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. The work is estimated to cost ₹ 9, 85, 495/-. This estimate, however, is given merely as a rough guide.
2. The time allowed for carrying out the work will be 30(Thirty) days from the date of handing over of the site.
3. The site for the work is available.
4. Earnest Money can be paid in the form of Demand Draft or Banker`s Cheque or Fixed Deposit Receipt (drawn in favour of **Director, Indian Institute of Management, Kashipur**). No interest will be given on EMD and SD.
 - (i) **Cost of Bid Document** – Rs. 1000/- (non-refundable, including 18% GST) in the form of cash or Demand Draft of any scheduled bank in the favour of the **Director, Indian Institute of Management, Kashipur**.
5. The contractor whose bid is accepted will be required to furnish Security Deposit of 10% (Ten Percent) of the bided amount within the period specified by the institute. This guarantee shall be in the form of Government Securities or Fixed Deposit Receipts or Guarantee Bonds or Demad Draft or NEFT or RTGS of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said Security Deposit within the period as specified by the IIM, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.
6. 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 bidders 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 bidders 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

7. The competent authority 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.
8. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
9. The competent authority 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.
10. The bid for the works shall remain open for acceptance for a period of thirty (30) days from the date of opening of bids if any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier. If the bidder makes any modifications in the terms and conditions of the bid which are not acceptable to the institute, then the IIM shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the rebidding process of the work.
11. This notice inviting Tender shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 07 days from the stipulated date of start of the work, sign the contract.

INDIAN INSTITUTE OF MANAGEMENT, KASHIPUR

Item Rate Tender & Contract for Works

Tender for the work of:- **SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR**

- (i) To be submitted by 3.00 p.m. hours on **25/01/2019** to the Chief Engineer (Project), I.I.M, Kashipur.
- (ii) To be opened in presence of tenderers who may be present at 3.30 p.m. hours on **25/01/2019** in the office of the Chief Engineer (Project), I.I.M, Kashipur.

Issued _____ to

.....

Signature of officer issuing the documents

.....

Designation Chief Engineer (Project), I.I.M, Kashipur.

Date of Issue

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 Director, I.I.M, Kashipur within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to General Rules and Directions and Clauses of the Conditions of contract and with such materials as are provided for, by, and in respect of 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 / thirty days from the date of opening of bid and not to make any modification in its terms and conditions.

A sum of Rs. 25, 000/- hereby forwarded in cash/ deposit at call receipt of a scheduled bank/fixed deposit/ demand draft /NEFT/RTGS receipt of a scheduled bank as earnest money. If I/We fail to commence work as specified, I/We agree that Director, IIM, Kashipur shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clauses of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

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

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 therefrom 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 Contractor

Witness:

Postal Address:

Address:

PEROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities **As per separate sheets attached for SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP of work.**

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
-----Nil-----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of issue
1	2	3	4
-----Nil----			

SCHEDULE 'D'

-----NIL-----

Extra schedule for specific requirements/document **As attached in**
tender form for the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract.

Name of Work : SUPPLY & INSTSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR.	
Estimated cost of work:	Rs. 9,85,495/-
Earnest Money:	Rs. 25,000/-
Performance Guarantee	NIL
Security Deposit	10% of the tendered value of work

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS :****Officer inviting tender****Director, I.I.M, Kashipur.****Definition:**

2(i) Engineer-in-Charge

Chief Engineer

2(ii) Accepting Authority

Director, IIM, Kashipur.

2(iii) Stander Schedule of Rates

For Civil items of works

D.S.R. (CPWD) with upto date correction slips

For Electrical items of works

SR (Part-I) for Internal E.I. and SR (Part-II) for external electrical works

2(iv) Department
Department.

Central Public Works

Clause 1

(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance

NA

(ii) Maximum allowable extension beyond the period provided in (i) above

NIL

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

07 days

Time allowed for execution of work**30 days****Clause 10A** List of testing equipment to be provided by the contractor at site.

1. Steel Tape – 3M
 2. Vernier Calipers
 3. Micro meter screw 25 mm gauge
 4. Plumb bob
 5. Spirit level
 6. Wire gauge (circular type) disc, screw driver, ball pin, Hammer
 7. Plastic bags for taking samples
 8. Moisture meter
- Hamer drill machine etc.

Clause 10A

S.No.	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed
1	2	3
1	Cement (PPC)	-----Nil-----
2	Steel reinforcement bars (TMT)	-----Nil-----

Clause 11

For Civil items of works

CPWD specifications with up date correction slips (Hereinafter called CPWD specifications also)

For Electrical items of works works

CPWD specifications for electrical (Internal) and CPWD specification for electrical works (External)

Clause 25

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
1	2
Competent Authority to appoint DRC	Director, IIM, Kashipur

SALIENT/MANDATORY REQUIREMENTS FOR THE TENDER

Name of Work: SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR.

- 1 The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2 The contractor shall quote the percentage rates in figures and words accurately so that there is no discrepancy in rates written in figures and words.
- 3 Time allowed for the execution of work is **30 (Thirty) days**.
- 4 The contractor(s) shall submit a detailed program of execution in accordance with the master programme /milestone within three days from the date of issue of award letter.
- 5 Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
- 6 The contractor (s) shall make his own arrangements for electricity and water required for the execution of work.
- 7 Cement, Steel Reinforcement and all other material shall be arranged by the contractor himself.
- 8 Contractor has to use specialized agencies for specialized items of works such as water proofing, aluminum works, structural glazing, PVDF, ACP and other specialized items as mentioned in the tender documents. Only those specialized agencies/firms who have satisfactorily executed works as per following criteria during last five years are eligible for the specialized works-

(i) For water proofing works.

(ii) For Aluminum works.

Approval of the specialized agencies for each specialized work shall be obtained from the Engineer-in-Charge within one week of award of work. Even if, such specialized items of work shall be executed by the specialized agencies, the work shall be deemed to be executed by the tenderer for all purposes and the responsibility of the quality of items of works executed etc. shall continue to be that of the tenderer only.

QUALITY ASSURANCE OF THE WORK

1. The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.
2. The contractor shall get the source of all other materials, not specified else where in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in- Charge along with samples and once approved, he shall stick to it.
3. The contractor shall submit shop drawings of staging and shuttering arrangement, aluminum work, and other works as desired by Engineer In Charge for his approval before execution. The contractor shall also submit bar bending schedule for approval of Engineer –in – charge before execution.
4. **Testing of material:**
 1. The contractor shall arrange carrying out of all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and shall bear all charges in connection therewith including fee for testing. The said cost of tests shall be borne by the contractor/department in the manner indicated below.
 - i) By the contractor, if the results show that the test does not conform to relevant CPWD Specifications / BIS code or specification mentioned elsewhere in the documents
 - ii) By the department, if the results conforms to relevant CPWD Specifications / BIS code or specification mentioned else where in the documents.
 2. If the tests, which were to be conducted in the site laboratory are conducted in other laboratories for what ever the reasons, the cost of such tests shall be borne by the contractor.

E) Sampling of Materials:

1. Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used in case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.
2. The contractor shall ensure quality construction in a planned and time bound manner.
Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge.

3. BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate or test certificate from approved testing laboratory to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.
4. The contractor shall procure all the materials at least in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
5. All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.

ADDITIONAL TERMS AND CONDITIONS

- 1 Unless otherwise provided in the Schedule of Quantities/Specifications, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and nothing extra shall be payable to him on account of the same.
- 2 The contractor shall make his own arrangement for obtaining electric connection(s) if required and make necessary payments directly to the department concerned.
- 3 Other agencies doing works related with this project may also simultaneously execute their works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work, pipes cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for the other agencies. Nothing extra over the Agreement rates shall be paid for doing these.
- 4 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on account of the same.
- 5a The contractor shall fully comply with all legal orders and directions of the Public or local authorities or municipality and abide by their rules and regulations and pay all fees and charges for which he may be liable in this regard. Nothing extra shall be paid/reimbursed for the same.
- 5b The building work shall be carried out in the manner complying in all respects with the requirements of the relevant bylaws and regulations of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
- 5c The work of water supply, internal sanitary installations and drainage etc. shall be carried out as per the bylaws of the Municipal Corporation or any other local body and the contractor shall produce necessary completion certificates from such authority after completion of work.
- 5d All water tanks, taps, sanitary, water supply and drainage pipes fittings and accessories etc. shall conform to the bylaws and specifications of the Municipal Body/Corporation where CPWD specifications are not available.
- 5e The contractor shall engage licensed plumbers for the work and the materials (fixtures/fittings) tested by the local Municipal Body/Corporation wherever required at his own cost. Nothing extra shall be paid/reimbursed for the same.
- 6 The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted by making his own arrangements for water supply, electricity etc. and nothing extra whatsoever shall be payable for the same.
- 7 If as per local Municipal regulations, huts for labour are not to be erected at the site of work, the contractor shall be required to provide such accommodation at a place as is acceptable to the local body and nothing extra shall be paid on this account.

- 8 The contractor shall take instructions from the Engineer-in-charge for stacking of materials. No excavated earth or building materials etc. shall be stacked/collected in areas where other buildings, roads, services, compound walls etc. are to be constructed.
- 9 Any trenching and digging for laying sewer lines/water lines/cables etc. shall be commenced by the contractor only when all men, machinery's and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.
- 10 It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
- 11 The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
- 12 The entire royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand etc. collected by him for execution of the work, directly to the Revenue authority or authorized agents of the State Government concerned or the Central Government, as the case may be.
- 13 The contractor shall bear all incidental charges for cartage, storage and safe custody of site and shall construct suitable godowns, yards at the site of work for storing all materials as to be safe against damage by sun, rain, dampness, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose, at his own cost.

Name of Work: SUPPLY & INSTALLATION OF SUBMERSIBLE PUMP AT IIM KASHIPUR**SCHEDULE OF QUANTITY**

Sr. No.	Description	Qty	Unit	Rate		Amount	
				Supply	Installation/ Labour	Supply	Installation/ Labour
1	Providing and installing submersible pump wet type induction motor of suitable rpm, 415 V, 50 Hz, 3 phase A.C. supply, along with a directly coupled submersible electric induction motor, water lubricated bearings, complete with all accessories in all respects.	1	Nos.				
	Total head -30 -40 mts						
	Flow rate - 10 LPS						
	Reqd. HP - 7.5 HP (as per pump manufacturer)						
	Make: Kirloskar, KSB, Grundfos as per direction of Engineer in charge						
	Note: (1) The submersible pump set to be installed in the well. (2) Pump shall be capable of operating under the water table / draw down requirements.						
2	Starter panle Suitable rating Star - Delta / DOL Starter of suitable capacity and outgoing feeder to tube well pump motor and ON indicating lamps / pushbutton for ON / OFF of motor. Cost shall be inclusive of supplying, fitting and fixing	1	Nos.				
3	Supplying and Installing of 4 Sq.mm 3 core Copper Conductor submersible cable from submersible pump to Panel	130	Mtrs				
4	Supply assembling, lowering, and fixing in vertical position in bore well, ERW (Electric Resistance Welded) GI Pipe steel Screwed and socketed /plain ended casing pipes of required dia, including required fittings & accessories, all complete, for all depth, as per direction of Engineer in charge. (3" pipe)	24	Mtrs				

5	Supply and fixing of Flange 3" with provision of crossing of cable	9	set		
6	supply and fixing of 3" NRV	1	Nos.		
7	supply and fixing of 3" gate valve with flanged ends	1	Nos.		
8	supply and fixing of resting clamps for holding of lowered pipes	2	Nos.		
9	supply and fixing of 300 mm bore cover plate with suitable size hole for lowered pipe.	1	Nos.		
10	supply and fixing of holding wire for holding of pump	40	Mtrs		
11	Supply and fixing of 3" tee	1	Nos.		
12	Supply and fixing of 3" Elbow	2	Nos.		
14	supply and fixing of 6" by 3" reducer	1	Nos.		
15	supply and fixing of 3" dia 6" long nipple	1	Nos.		
16	Only Supply 7.5 HP submersible pump wet type induction motor of suitable rpm, 415 V, 50 Hz, 3 phase A.C. supply, along with a directly coupled submersible electric induction motor, water lubricated bearings, complete with all accessories in all respects.	1	Nos.		
	Total head -30 -40 mts				
	Flow rate - 10 LPS				
	Reqd. HP - 7.5 HP (as per pump manufacturer)				
	Make: Kirloskar, KSB, Wilo or equivalent				
Note: (1) This submersible pump set will be kept as stand by.					
17	Supply, installation, testing & commissioning of panel. (Annexure –I)	1	Nos.		
18	Supply, testing & commissioning of 3.5 Core 95 Sq mm XLPE armured cable.	500	meter		
19	Supply, installation, testing & commissioning of 4 pole MCCB, 250A, 36kA.	1	Nos.		

20	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. Above 35 sq. mm and upto 95 sq. mm	500	Meter		
21	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 meter.	1.5	Cum		
22	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. including form work etc. as required.	1.5	Cum		
			Total cost		
			GST @.....		
			G. Total		

I/We hereby quote my/our rates as single percent for all the above items as follows:

(1) Rate in figures

(2) Rate in words

Signature of Contractor

Name of Contractor:

Address:

NEFT Detail

