

**DELHI DEVELOPMENT AUTHORITY  
ELECTRICAL DIVISION No.7**

**TENDER NOTICE NO. 26/EE/S.D.7/DDA/2007-08**

Sealed item rate tender are invited for the following works by the Ex. Engineer, Electrical Division No.7, DDA, Keshavpuram Delhi-110035 upto 3.00 P.M. on behalf of DDA from the approved contractor's of appropriate class of DDA, CPWD, MES P&T & Railway which shall be opened on the same day at 3.30 P.M. at Ground floor, Vikas Minar, DDA office, I.P.Estate, New Delhi in the presence of intending purchaser or their authorised representative.

The tender documents can be had on any working day from the office of OAU/NZ/DDA Ashok Vihar, Sales Counter/ Vikas Minar between the 11.00 A.M. to 3.00 P.M. on payment of amount of mentioned against each work (non-refundable) on production of enlistment registration certificate and valid registration with works contract cell of sales tax deptt. of GNCTD and tax clearance certificate issued by the works contract cell in Form-XI as well as the amount earnest money the shape of cash receipt treasury challan/deposit as call receipt of scheduled bank fixed deposit receipt of a scheduled bank/demand draft of schedule bank in favour of Sr. A.O/C.A.U/N.Z./DDA. Sales of tender forms will be stopped four days (including the date of opening) before the date fixed for the opening of tender documents.

The manner of submission of tenders opening of the same and entry of contractor's/their authorised representative to the place of opening shall be as provided in clause 3(a), (b) & (c) of PWD-6 forming part of tender.

S.No.	Name of work	NIT	Estimated Cost	Tender Cost	Dt. of Sale
			Earnest Money	Time Allowed	Dt. of Opening
1.	D/O Janak Wala Park at Bharat Nagar Ashok Vihar Ph-IV. SHs Supply & installation of submersible pump set at Janak wala park Bharat Nagar Ashok Vihar, Ph.IV.	(72)	Rs. 71,989.00 Rs. 1440.00	Rs. 150.00 01(One) Months	7.1.08 11.1.08
2.	D/O land at Narela Township. SHs Supply & installation of submersible pump set at Transit camp near Gautam Colony Narela.	(66)	Rs. 52,886.00 Rs. 1058.00	Rs. 150.00 01(One) Month	-do-

**EXECUTIVE ENGINEER (E)**  
Electrical Division No. 7,  
Keshav Puram, Delhi-9

ADDITIONAL CONDITIONS AND SPECIFICATIONS.

- 1- The contractor must get acquainted with the proposed site for the work and study specifications and conditions carefully before tendering. The work shall be executed as per programme approved by the Engineer-in-Charge. The work shall be executed in close coordination with the progress of the bldg. work. If the site for electrical work is not available in part or in full for any reason whatsoever the time for the execution of the electrical work shall be correspondingly extended. No claim for any idle labour or compensation (except as provided under clause 10C/10CC as applicable in the printed conditions of contract) shall be entertained.
- 2- The contractor shall submit completion certificate as per appendix 'E' of the general specification for electrical work (Part-II) internal-2005 within one month after actual date of completion, failing which an amount @ 1% of the tendered cost subject to maximum of Rs.5,000/= shall be deducted from any amount due to the contractor from DDA.
- 3- No tubewell bore shall be left open as & when sub.P/3et are taken out for repair/replacement.
- 4- The following work shall be deemed to be included within the scope of work to be executed by the contractor and nothing extra shall be paid on this account.

A.....  
 C.....  
 D.....  
 OW-114

*Chugh*  
 Sd/-

- (i) All minor building work such as cutting of holes and chases in walls / ceiling and making good the same with cement mortar 1:4 (1 cement and 4 coarse sand).
- (ii) Provision of suitable support and clamps for fixing arrangement including nuts, bolts, cable glands, lugs, terminal blocks etc. as a part of the particular item unless given separately in the schedule of work.
- (iii) Masonry support / G.I. pipe support etc. shall be provided wherever required.

5. Testing of installation:

- (i) The entire system shall be tested to the satisfaction of Engineer-in-Charge.
- (ii) Tests shall be performed in the presence of Engineer-in-Charge or his representative.
- (iii) The contractor shall provide all labour, equipments and material required for performance of the tests.

6. The rates quoted by the contractor, shall be firm and should be inclusive of all Central / State Govt., Taxes, Duties and Levies etc.

7. Concessional Sales Tax Form C/D shall not be issued by the Department.

8. The installation shall be covered by the conditions that the whole installation or any part thereof found defective within the guarantee period should be replaced by the contractor free of charge in a reasonable time. The guarantee shall cover the followings:

- (a) Quality, strength and performance of the material and equipment used.

A  
C  
D  
OW-11

8  
Chok  
2010



- (b) Safe electrical and mechanical strength of all parts of the equipments under all specified conditions of operations / satisfactory performance.
  - (c) Safe performance figure and other values as specified in the schedule of guarantee / technical particulars.
  - (d) Prompt service during guarantee period.
  - (e) Attending to consequential damages in the equipments supplied and installed by the tenderer.
  - (f) Guarantee period of 12 months shall be counted from the date of handing over of installation to the department, ~~against manufacturing defects/satisfactory performance on a non-judicial stamp~~ Paper of Rs. 50/- only.
9. Contractor shall provide the manufacturer test certificate in respect of all major items.
10. The contractors shall be fully responsible for watch and ward of the material brought / work executed at site till the same is complete and taken over by the department.
11. After the award of work, the contractor shall get all the materials approved from the Engineer-in-Charge before use in the work. The contractor shall also produce test certificate for conformity with relevant IS specification if required by the Engineer-in-Charge.
12. The submersible cable from panel T.W bore shall be laid in 40mm dia G.I.'B' class pipe, the cost of which is included in the item of panel board.
13. Flyash bricks shall be used in the work wherever required.

A  
C  
D  
OW

Q

Chokh

SPECIFICATIONS:

14. The work as indicated in the schedule of quantities attached herewith including any modifications, additions, alterations ordered subsequently shall be carried out as per specifications given below:
- (i) CPWD specifications for Electrical Works at Delhi Part-I (Internal) 2005 and Part-II (External) 1994 with amendments upto the date of tenders.
  - (ii) Indian Electricity Rules 1956 as amended upto date.
  - (iii) A table indicating the makes, governing specifications and other details in respect of some of the important materials to be used in the work is attached. These specifications shall have preference over those indicated in 14(i) above.
  - (iv) Only material bearing ISI/BIS certifications mark shall be used in the work. Where articles of different designs / make bearing ISI/BIS certification mark are available, the decision of Engineer-in-Charge about the design / make to be used in the work shall be final and binding on the contractor.
  - (v) Where material bearing ISI/BIS certification marks are not available, material conforming to relevant BIS/ISI shall be used with prior approval of Engineer-in-Charge.
  - (vi) If the specifications of any item are not available then the decision of the Engineer-in-Charge regarding quality shall be final and binding on the contractor.
15. In case of any discrepancy in the description of any item given in the schedule of quantities and the specifications, the former shall prevail. If the specifications of any item are not available, the decision of Engineer-in-Charge shall be final.

A  
C  
D  
OW-22

9  
Chokh

- 16- No tool and plants shall be issued for execution of the work or for testing of the installation. These shall be arranged by the contractor within the quoted rates.
- 17- The contract would have to make his own arrangement for cartage and transportation of the materials and nothing extra shall be payable on this account.
- 18- The sub. standard work shall be rejected without assigning any reason.
- 19- The following information to be furnished by the tenderers
  - a) Type, make, model and HP of the pumpset offered.
  - b) Discharge in liters per minutes and head in meters.
  - c) Revolution per minutes.
- 20- Time allowed for carrying of work within one months.
- 21- Additional specifications are indicated in the following clause. These additional specifications given below shall have precedence over these indicated para 14 above in case of deviations between the two.
- 22- Three pin socket outlet shall be provided for power plug points.
- 23- Connectors to be used any where in the installation shall be of porcelain type.
- 24- Earthing work i.e. embedding of earth electrode and testing of installations, shall be carried out in the presence of the Asstt. Engineer (E).
- 25- The length of GI pipe to be used in the work for installation of the submersible pumpset shall not be more than three meters.

4/15/77  
 15/10/77  
 15/10/77

A  
 C  
 D  
 OW-22

9  
 15/10/77





## SCHEDULE OF WORK

Name of work : U/o land at Narela Township  
Sub Head : S/I of submersible pumpset at Transit Camp near Gautam Colony, Narela

S.No.	Description of items.	Qty.	Unit	Rate	Amount
1-	Supplying of submersible pump duly coupled with suitable rating of 3 phase 415 Volts, 50 Hz, 2900 RPM submersible induction motor. The pumpset shall be suitable for the following duties.	1 Set			
a)	Discharge - 35 Mtr.				
b)	Head - 300 LPM				
c)	Liquid - Clear Water				
2-	Supplying of following size of GI B-Class pipe i/c G.I. flanges duly screwed and welded on both ends of GI pipe, bend, tee, nipple rubber gasket, GI nut-bolts and washers etc. as reqd.	300	(ft)		
a)	50 mm dia.				
3-	Supply & fixing of following size of PVC sheathed PVC insulated copper cond. submersible cable as reqd.	370	tr.		
a)	1 x 3 x 1.5 sq. mm.				
4-	Lowering, testing & commissioning of sub.I./set alongwith double flanged G.I. pipe, sub.cable i/c jointing and accessories upto the reqd. depth, providing and fixing 2 Nos. MS clamps made of MS fl at 75mm x 100mm x 500mm alongwith nut-bolts, washers, cutting the existing bore, making suitable removable cover and fixing of sub. cable with insulated wire with G.I. pipe complete as reqd.	1 Job			
5-	Supply & fixing of following size of C.I. flanged valve complete with rubber gasket, nut-bolt and washers etc. as reqd.	1 No.			
a)	Non-return valve (without by-pass) --- 50 mm dia.				
6-	Supplying, erection, testing & commissioning of wall mounted type cubical L.I. panel board fabricated with 14 SwG (2mm thick) nominal CRCA MS sheet with (40x40x6)mm angle iron legs as per drawing attached and suitable to accommodate and supplying & fixing the following accessories therein i/c connection, inter-connection with suitable size of copper wire, earth connections, numbering and spray painted after applying a coat of zinc chromate primer as per spec.				

the  
into  
and  
of  
each  
1 be  
not  
it at  
tube  
also  
M.



- 32 amp. IPN MCB 10 KA (C-Series) 1 No.  
 20 amp. IPN MCB 10 KA (C-Series) 1 No.  
 Single phase preventor cum water level guard with prod/ 1 Set  
 Sensor 1 No.  
 DOL starter with enclosure having suitable relay 1 No.  
 3 phase shunt capacitor suitable for 1 am No. 1 No.  
 Phase Indicator neon 1 amp with toggle suitable and back 1 No.  
 up fuse 1 No.  
 9) Voltmeter (0-500 V) 96mm, square dial with selector switch 1 No.  
 10) Ammeter (0-30A) 96mm square dial. 1 No.  
 11) 20 amp. IPN MCB 10 KA (C-Series) 1 No.  
 12) 6 amp. IPN MCB 10 KA (C-Series) 1 No.  
 13) 4 strip 300mm long al. bus bar 100 amp. capacity duly FVC 1 No.  
 tapped/ sleeved having drilled holes, 6mm dia bolts, nuts, & washers etc. as reqd. 1 No.  
 1) Danger notice plate. 1 No.  
 20 amp. industrial type socket. 1 No.  
 m) Wooden board for 3 phase energy meter 1 No.  
 n) 7- Earthing with G.I. pipe 4.5m long and 40mm dia i/c access-ories & providing masonry enclosure with cover plate having locking arrangement and watertight pipe etc. (with charcoal & salt etc. as reqd. 2 Set  
 8- providing & fixing 25mm x 5mm x 1 strip on surface or in recess for earth connection etc. as reqd. 8 Mtr  
 9- Supply & fixing of 8mm dia steel wire rope i/c fixing with the steel cage for holding sub. pumpset with suitable size of clamps & nut bolts etc. as reqd. 30M t  
 10- Supplying & fixing the cage for holding sub. F/Set made of MS flat iron of size 40x5mm x 1.75m long with supporting clamps & anchor to the wire rope etc. complete as reqd. 1 Set

- 11- Supplying & making end termination with brass compression  
 91 and 8 aluminum lugs for following size of PVC insulated  
 & PVC sheathed / ALPE aluminum cond. cable as reqd.  
 4 x 10 sq. mm.

1 No.

4/5/10  
 10/10/10  
 10/10/10

A  
 C  
 D  
 OV

10/10/10

# MAKES OF MATERIAL AND GOVERNING SPECIFICATIONS

S.No. Item.	Governing Specification	Makes.
1. Submersible Pump set.	-	E.S.B./Kirtloskar/Crompton Greaves
2. G.I. Suction Valve.	IS:14846	I.V.G./Kirtloskar.
3. C.I. Non return valves	IS:5312	I.V.C./ Kirtloskar.
4. G.I. Pipe.	IS:1239	Jindal (Hissar)/Surya/TATA
5. Starter	-	L&T/Siemens/Cuttler Hammer.
6. Shunt Capacitor.	-	GE/Mathav/Crompton/L & T
7. Single phase preventor-Over-water level guard	-	L&T/Minilec
8. ammeter & Voltmeter	IS:1248	AE/Havells/JEL/IMP
9. PVC sheathed, PVC Insulated flat submersible copper cable.	IS:694	Plaza/Finolox/Safex.
10. Selector Switch.	-	Havells/Thakur/L&T/KANCOE
11. PVC Insulated FR Copper Wire	IS: 694	Skytone/National/ECO/Havells.
12. M.C.B.	IS:8828	Standard/L&T/MDS/Indokopp/Action.
13. PVC sheathed PVC XLPE AL. armoured cable	7098	Aslan Cable/Unistar/Echo/Nicco/Skytone
14. Panel Board.	-	Shall be fabricated as per drawing attached.

OW-  
C.C.E.

RE  
G. No. 10/2016

4/5/2017  
Refer to drawing 118



# SCHEDULE OF WORK

Name of work : D/o Jank wala bagh at Bharat Nagar, Ashok Vihar Phase-IV  
 Sub Head : Supply & installation of submersible pumpset at Jank wala park, Bharat Nagar  
 Ashok Vihar phase-IV

S.No.	Description of items.	Qty.	Unit	Rate	Amount.
1-	Supplying of submersible pump duly coupled with suitable rating of 3 phase 415 volts, 50 Hz, 2800 RPM submersible induction motor. The pumpset shall be suitable for the following duties:-				
a)	Discharge	160 LPM			
b)	Head	37 Mtr.			
c)	Liquid	Clear Water.			
2-	Supplying of following size of GI B-Class pipe including GI flanges duly screwed and welded on both ends of GI pipe, bend, tee, nipple, rubber gasket, GI nuts bolts and washers etc. as reqd.	30 M			
a)	50 mm dia.				
3-	Supply of PVC sheathed PVC insulated copper conductor submersible cable as reqd.	40 M			
a)	1 x 3 x 1.5 sq.mm.				
4-	Lowering, testing, commissioning of submersible pumpset along with double flanged GI pipe, submersible cable including jointing and accessories upto the required depth, providing and fixing 2 Nos. MS clamps made of MS flat 75mm x 10mm x 500mm along with nuts, bolts washers, cutting the existing bore cover making suitable removable cover and fixing of submersible cable with insulated wire with GI pipe complete as reqd.	1 Jo			
5-	Supplying and fixing of following size of C.I. flanged valves complete with rubber gasket, nuts, bolts, and washers etc. as reqd.	1 No.			
a)	Non return Valve (without by-pass) 50 mm dia.	1			

*[Handwritten signature]*  
 (P)  
 AET

- Supplying, fixing, testing & commissioning of following accessories in the existing feeder pillar, making foundation for fixing the feeder pillar  $\frac{1}{2}$ c connections, inter-connections with suitable size of copper wire, earth connections, numbering and spray painted after applying a coat of Zinc Chromate primer as reqd.
- a) 32 amp. IP&N MCB 10 KA (C-Series) 1 No.
  - b) 20 amp. IP MCB 10 KA (C-Series) 1 No.
  - c) DOL starter with enclosure having suitable relay complete as reqd. 1 No.
  - d) Single phase preventor cum-water level guard with prod/sensor 1 No.
  - e) 3 phase shunt capacitor suitable for Item No. 1 1 No.
  - f) Phase indicator neon lamps with toggle switches and back up fuses 1 Set
  - g) Voltmeter (0 to 500) volts 96mm square dial with selector switch 1 No.
  - h) Ammeter (0 to 30) amp. 96mm square dial 1 No.
  - i) 20 amp.s SP&N MCB 10 KA (B-Series) 1 No.
  - j) 6 amp. IP MCB 10 KA (B-Series) 1 No.
  - k) 20 amp. SPN industrial type socket 1 No.
  - l) Danger Notice plate 1 No.

7- Earthing with GI earth pipe 4.5m long and 40mm dia  $\frac{1}{2}$ c accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal & salt as reqd. 2 Se

8- Providing and fixing 25mm x 5mm GI strip on surface or in recess for earth connection etc. as reqd. 5 Mt

9- Supplying of following size of XLPE 1.1 KV grade armoured al. cond. cable  $\frac{1}{2}$ c testing etc. as reqd. 20 M

a) 4 x 25 sq. mm. 3 M

10- Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq. mm in the existing RCC/HUME/STONE WARE/Metal pipe as reqd. 1 No

11- Supply and fixing of GI pipe of 50mm dia (nominal) 3 mtr. length along the pole for protection of under ground cable as reqd. 1 No

A. Tug  
C. Tug  
D. Tug  
E. Tug

*Handwritten signature*

- 12- Laying of 1 No. PVC insulated & PVC sheathed /XLPE power cable 1.1 KV of grade of size not exceeding 25 sq.mm direct in ground excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.
- 13- Laying and fixing of one number PVC insulated and PVC sheathed /XLPE al. cond. cable of 1.1 KV grade of size not exceeding 25 sq.mm surface as reqd.
- 14- Supplying and making and termination with brass compression gl and al. lugs for following PVC insulated PVC sheathed /XLPE al. cond. cable of 1.1 KV grade as reqd.  
4 x 25 sq.mm.
- 15- Supplying & fixing 6mm dia steel wire rope l/c fixing with the steel cage for holding submersible P/Set with suitable size of clamps nuts-bolts etc. as reqd.
- 16- Supplying & fixing cage for holding submersible P/Set made of MS flat iron of size 40mm x 5mm x 1.75m with supporting clamps and anchor to the wire rope etc. as reqd.
- 17- Providing & fixing 6 SWG dia GI wire on surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as reqd.

10

7

1 S

65

1 N

20

B

10/11



# MAKES OF MATERIAL AND GOVERNING SPECIFICATIONS

S.No. Item.	Governing Specification	Makes.
1. Submersible Pump set.		K.S.B./Kirloskar/Crompton Greaves
2. C.I. Sluice Valve.	IS:14846	I.V.C./Kirloskar.
3. C.I. Non return valves	IS:5312	I.V.C./Kirloskar.
4. G.I. Pipe.	IS:1239	Jindal (Hissar)/Surya/TAIA
5. Starter		L&T/Stone's/Outlier Hammer.
6. Shunt Capacitor.		GE/Hashav/Crompton/L & T
7. Single phase preventor-Over-water level guard		L&T/Minilac
8. Ammeter & Voltmeter	IS:1248	AE/Havells/UEL/UMP
9. PVC sheathed, PVC Insulated flat submersible copper cable.	IS:694	Flazef/Finolex/Safex.
10. Selector Switch.		Havells/Thakur/L&T/KAWCEE
11. PVC Insulated P.R. Copper Wire	IS: 694	Skytone/National/ECHO/Havells.
12. M.C.B.	IS:18828	Standard/L&T/MDS/Indokopp/Action.
13. PVC sheathed PVC XLPE AL. armoured cable	7098	Asian Cable/Unistar/Echo/Nicco/Skytone
14. Panel Board.		Shall be fabricated as per drawing attached.

(C-1)

A.  
C.C.M.  
D.  
O.V.

8  
Final  
A.T.

4/5/81/14/2  
RECEIVED  
14/5/81  
14/5/81  
14/5/81

3-  
no further work shall be done

ADDITIONAL CONDITIONS AND SPECIFICATIONS.

- 1- The contractor must get acquainted with the proposed site for the work and study specifications and conditions carefully before tendering. The work shall be executed as per programme approved by the Engineer-in-Charge. The work shall be executed in close coordination with the progress of the bldg. work. If the site for electrical work is not available in part or in full for any reason whatsoever the time for the execution of the electrical work shall be correspondingly extended. No claim for any idle labour or compensation (except as provided under clause 100/1000 as applicable in the printed conditions of contract) shall be entertained.
- 2- The contractor shall submit completion certificate as per appendix 'E' of the general specification for electrical work (Part-II) Internal-2005 within one month after actual date of completion, failing which an amount @ 1% of the tendered cost subject to maximum of Rs. 5,000/= shall be deducted from any amount due to the contractor from DDA.
- 3- No tubewell bore shall be left open as it when sub. 7/31t are taken out for repair/replacement.
- 4- The following work shall be deemed to be included within the scope of work to be executed by the contractor and nothing extra shall be paid on this account.

A ---  
C ---  
D ---  
OW ---

Φ  
E.T.P.

Print  
A.E.O.

- (i) All minor building work such as cutting of holes and chases in walls / ceiling and making good the same with cement mortar 1:4 (1 cement and 4 coarse sand).
- (ii) Provision of suitable support and clamps for fixing arrangement including nuts, bolts, cable glands, lugs, terminal blocks etc. as a part of the particular item unless given separately in the schedule of work.
- (iii) Masonry support / G.I. pipe support etc. shall be provided wherever required.

5. Testing of installation:

- (i) The entire system shall be tested to the satisfaction of Engineer-in-Charge.
- (ii) Tests shall be performed in the presence of Engineer-in-Charge or his representative.
- (iii) The contractor shall provide all labour, equipments and material required for performance of the tests.

6. The rates quoted by the contractor, shall be firm and should be inclusive of all Central / State Govt., Taxes, Duties and Levies etc.

7. Concessional Sales Tax Form C/D shall not be issued by the Department.

8. The installation shall be covered by the conditions that the whole installation or any part thereof found defective within the guarantee period should be replaced by the contractor free of charge in a reasonable time. The guarantee shall cover the followings:

- (a) Quality, strength and performance of the material and equipment used.

A  
C  
D  
OW

(F)

ARCP



- (b) Safe electrical and mechanical strength of all parts of the equipments under all specified conditions of operations / satisfactory performance.
  - (c) Safe performance figure and other values as specified in the schedule of guarantee / technical particulars.
  - (d) Prompt service during guarantee period.
  - (e) Attending to consequential damages in the equipments supplied and installed by the tenderer.
  - (f) Guarantee period of 12 months shall be counted from the date of handing over of installation to the department, against manufacturing defects/satisfactory performance on a non-judicial Stamp Paper of Rs. 50/- only.
9. Contractor shall provide the manufacturer test certificate in respect of all major items.
10. The contractors shall be fully responsible for watch and ward of the material brought / work executed at site till the same is complete and taken over by the department.
11. After the award of work, the contractor shall get all the materials approved from the Engineer-in-Charge before use in the work. The contractor shall also produce test certificate for conformity with relevant IS specification if required by the Engineer-in-Charge.
12. The submersible cable from panel T.W bore shall be laid in 40mm dia G.I.'B' class pipe, the cost of which is included in the item of panel board.
13. Flyash bricks shall be used in the work wherever required.

A  
C  
D  
OW

*[Signature]*  
M.P.

*[Signature]*  
M.P.

SPECIFICATIONS:

14. The work as indicated in the schedule of quantities attached herewith including any modifications, additions, alterations ordered subsequently shall be carried out as per specifications given below:
- (i) CPWD specifications for Electrical Works at Delhi Part-I (Internal) 2005 and Part-II (External) 1994 with amendments upto the date of tenders.
  - (ii) Indian Electricity Rules 1956 as amended upto date.
  - (iii) A table indicating the makes, governing specifications and other details in respect of some of the important materials to be used in the work is attached. These specifications shall have preference over those indicated in 14(i) above.
  - (iv) Only material bearing ISI/BIS certifications mark shall be used in the work. Where articles of different designs / make bearing ISI/BIS certification mark are available, the decision of Engineer-in-Charge about the design / make to be used in the work shall be final and binding on the contractor.
  - (v) Where material bearing ISI/BIS certification marks are not available, material conforming to relevant BIS/ISI shall be used with prior approval of Engineer-in-Charge.
  - (vi) If the specifications of any item are not available then the decision of the Engineer-in-Charge regarding quality shall be final and binding on the contractor.
15. In case of any discrepancy in the description of any item given in the schedule of quantities and the specifications, the former shall prevail. If the specifications of any item are not available, the decision of Engineer-in-Charge shall be final.

A  
C  
B  
OW

AT

Chakraborty  
S. C.

- 16- No tool and plants shall be issued for execution of the work or for testing of the installation. These shall be arranged by the contractor within the quoted rates.
- 17- The contract would have to make his own arrangement for cartage and transportation of the materials and nothing extra shall be payable on this account.
- 18- The sub. standard work shall be rejected without assigning any reason.
- 19- The following information to be furnished by the tenderers
  - a) Type, make, model and HP of the pumpset offered.
  - b) Discharge in liters per minutes and head in meters.
  - c) Revolution per minutes.
- 20- Time allowed for carrying of work within one months.
- 21- Additional specifications are indicated in the following clause. These additional specifications given below shall have precedence over these indicated para 14 above in case of deviations between the two.
- 22- Three pin socket outlet shall be provided for power plug points.
- 23- Connectors to be used any where in the installation shall be of porcelain type.
- 24- Earthing work i.e. embedding of earth electrode and testing of installations, shall be carried out in the presence of the Asstt. Engineer(E).
- 25- The length of GI pipe to be used in the work for installation of the submersible pumpset shall not be more than three meters.

4/30/17

अध्यापक  
विद्यार्थी  
सहायक अध्यापक

8

Conk

103

A  
C  
D  
O