



**Government of West Bengal**  
Office of the Chief Medical Officer of Health  
and the Secretary of DH&FWS, North 24 Parganas  
Barasat, Banamalipur, Jossore Road, Kolkata - 700124,  
Ph. No.2552-3129, E-mail: north24pgscmoh@gmail.com



Memo No: CMOH/N24PGS/ ENG-E/ 6222

Date: 27/06/2022

**N.I.T.No. - 02/ENG OF 2022-23**

Sealed tenders are hereby invited by the Secretary, District Health & Family Welfare Samiti & C.M.O.H, Barasat; North 24 Parganas from bonafide, resourceful and responsible contractors/ agencies for the Electrical Installation Work in the tender drop box of the undersigned office. The work is mentioned at below-

Sl. No	Name of Work	Estimated Cost (Including 12% GST, 1% L.W.Cess)	Earnest Money	Time of Completion (Counted from the date of issuance of Work Order)
1	Internal Electrical Works for 2 Nos. Site Preparation of Maricha PHC & Adhata PHC under Amdanga Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
2	Internal Electrical Works for Site Preparation of Duttapukur PHC & Kadambagachi PHC under Barasat- I Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
3	Internal Electrical Works for Site Preparation of Miltpukuria PHC under Barasat- II Block & Bilkanda PHC under Barrackpore- II Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
4	Internal Electrical Works for Site Preparation of Rautara PHC under Habra- I Block & Kolsur PHC under Deganga Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
5	Internal Electrical Works for Site Preparation of Pumlia PHC under Habra- II Block & Dharampur PHC under Gaighata Block North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
6	Internal Electrical Works for Site Preparation of Chandpur PHC & Patharghata PHC under Rajarhat Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
7	Internal Electrical Works for Site Preparation of Bhaduria PHC & Gaighata PHC under Gaighata Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
8	Internal Electrical Works for Site Preparation of Akaipur PHC & Palla PHC under Bongaon Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days
9	Internal Electrical Works for Site Preparation of Sindrani PHC & Nataberia PHC under Bagdah Block, North 24 Parganas.	@ Rs. 2,49,276/- x 2 = Rs. 4,98,552/-	Rs. 9,971/-	45 Days

*[Signature]*  
Chief Medical Officer of Health &  
Secretary, DH&FWS, North 24 Parganas

Date of publication of 'Tender Notice'	Last date of Dropping of 'Sealed Tenders'	Date of opening of 'Technical Bid'	Date of opening of 'Financial Bid'
27.06.2022	08.07.2022 up to 14:00 hrs.	08.07.2022 on 15:00 hrs. at CMOH Chamber	08.07.2022 on 16:00 hrs. at CMOH Chamber

### Terms and Conditions

1. The interested agencies have to collect their all relevant tender document from [www.north24parganashealth.org](http://www.north24parganashealth.org), [www.north24parganas.gov.in](http://www.north24parganas.gov.in) and [www.wbhealth.gov.in](http://www.wbhealth.gov.in) only.
2. All intending bidders must submit their sealed Tender documents in two separate envelopes for Technical and Financial bids, super-scribed with the addressee, NIT No., Job detail (SI No.) & Agency details is to be dropped in the tender drop box kept in the office of the undersigned on scheduled date and time. **A single bidder will be allowed to bid for 3 (Three) SI. No.(s) at most.**
3. Earnest money against the work @ **2.0%** of the total value of work in form of **Demand Draft** of a Nationalized Bank in favor of the **"District Health and Family Welfare Samiti North 24 Parganas, Payable at Barasat"**.
4. **Technical Bid must contains** Earnest Money Demand Draft, Self-declaration form (**Annexure-B**), PAN Card, IT return of AY- 2021-22, up-to-date payment of Professional Tax challan, GST registration certificate, Valid Trade license (for electrical works), Electrical license, Supervisory Certificate of competency (SCC) in parts 1, 2, 11, 6A, 7A or equivalent National Supervisors Certificate of competency, and Bye-Laws for Engineer Co-operative/ Labour Co-operative society and credential showing satisfactory completion of one work of similar nature in any Govt. Department commencing not older than 5 years from the date of publication of this N.I.T of value **not less than 40%** of the estimated cost put to tender.

#### N.B. :

- Separate credential needs to be submitted for each SI No of work.
- Completion Certificate should contain a) Name of Work b) schedule of work c) Name of Client d) Amount put to tender e) Schedule date of completion f) Actual date of completion g) Date of Payment h) Amount Paid. The certificate shall be issued by the competent authority who issued the 'Work Order' on behalf of the organization.
- For supplier/any other contractor may also participate in tender with execution of MOU/Agreement (duly notarized) with Electrical contractor having valid Electrical Contractor License along with authorized supervisor. In that case the bidder will have to submit MOU/agreement (duly Notarized), Electrical contractor License, SCC & Engagement letter of Supervisor. More than one prime agency is not allowed to execute MOU/ Agreement with same electrical contractor. Rest all terms and condition will remain same for them.
- Self-attested copies of all requisite documents need to be submitted.
- Registered Partnership Deed (for Partnership Firm only) along with Registered Power of Attorney to be submitted.

  
Chief Medical Officer of Health &  
Secretary, DH&FWS, North 24 Parganas

5. **Financial bid contains** NIT, Estimate and financial bid document paper. The quoted rate should be in percentage basis, both in figures and in words as per **Annexure-A**.
6. As per GO No 4608-F(Y), Dt. 18.07.2018 from Govt. of W.B. Finance Dept.(Audit Branch), the eligible bidder have to submit addition performance security @ 10% of tender amount if the accepted bid value is 80% or less of the estimate put to tender. The addition performance security shall be submitted in the form of bank guarantee from any nationalized bank within 7 working days from the date of issuance of letter of acceptance, if failed his EMD will be forfeited and other necessary actions like blacklisting of the contractor, etc. may be taken.
7. The bank guarantee will be returned after successful completion of the work. If the bidder fails to complete the work successfully the bank guarantee will be forfeited at any time during the pendency of the contract period after serving proper notice to the contractor.
8. The selected agency have to submit self-attested copy of PWD Tender Form No. 2911 to the Engineering section of the undersigned after properly filling-up within 7(Seven) days from the date of receipt of the work order.
9. Agency who failed to execute work order issued by this office earlier within the time period mentioned in such work and/or whose performance found to be unsatisfactory against work order(s) issued by this office during last two financial year, their bid against this NIT may not be considered for technical evaluation.
10. The authority will not take any responsibility against the amount deposited for earnest money in case of non-submission of bid against the said NIT. In connection with these works, no Arbitration will be allowed.
11. Incomplete tender will be rejected summarily.
12. The work will be executed under the supervision of the engineering section of DPMU. The bidders may collect detail works from the engineering section of DPMU.
13. The offered rate should be inclusive of charges such as royalty & cess, toll charge, carriage, re-carriage, GST etc. No mobilization / secured advance will be allowed.
14. The contractor shall have to carry out work with his own equipment and machinery.
15. The successful tenderer shall have to start the work within **7(seven)** days from the date of receipt of the work order and the work should be completed within the stipulated time failing which the earnest money may be forfeited and work order will be treated as cancelled.
16. Acceptance of lowest tender is not obligatory & the undersigned reserves the right to accept any tender or to reject any or all tenders at any stage without assigning any reason and to split up tender work's to more than one contractor in the interest of speedy execution of the work. The undersigned reserves the right to alter the terms and condition of this notice at any time in the interest of public service.
17. **Constructional Labour Welfare Cess @ 1(one) % of cost of construction will be deducted** from every Bill of the selected agency. GST will be allowed as applicable as per Govt. rule.
18. As per GO No 201-F(Y), Dt. 18.01.2021 from Govt. of W.B. Finance Dept.(Audit Branch), Security deposit @ **3 (Three) %** of cost of work will be deducted from each & every bill of the selected agency.  
The Total security deposit shall be refunded to the contractor on expiry of **one year** from the actual date of completion of the work. No interest should be given on the

  
**Chief Medical Officer of Health &**  
**Secretary, DH&FWS, North 24 Parganas**

earnest money & security money; only the Labour Co-Operative Societies are exempted from paying Earnest Money.

19. **Bids shall remain valid** for a period not less than **120 (One Hundred Twenty) days** from the last date of submission of bid. If the bidder withdraws the bid during the period of bid validity the earnest money as deposited will be forfeited forthwith without assigning any reason thereof.
20. The Earnest money deposited will be forfeited by the Secretary, DH & FW Samiti & C.M.O.H, Barasat, North 24 Parganas in case:-
  - (i) The Tenderer withdraws tender after opening or acceptance.
  - (ii) The selected Tenderer fails to accept order, refuses either wholly or partly the offer that would be made by the undersigned.
  - (iii) The selected Tenderer fails to execute their assigned work within the date stipulated in the work order.
  - (iv) Withdrawal of Bid
21. Schedule of work /supply will be prepared and measured as per approved P.W.D (W.B) schedule of Rates, Effective from November 2017 with all amendments.
22. The undersigned reserves the right to forfeit the Earnest money and security deposited in the event of any short of breach of contract.
23. Contractor should put their firms/organization endorsement (signature of authorized signatory with official stamp) on each page of all the tender documents.
24. Contractors will note that non-compliance of any of the instruction is liable to render there, tender will be non-bona-fide.
25. All kinds of materials and labour related to the job will have to be arranged by the contractor and to be got approved by the engineering section before their use. The contractor at his own cost shall remove the rejected materials/ workmanship from site within 24 hours.
26. The contractors at his cost shall store all the materials which will be used for the work.
27. If the Engineer in charge/Authorized Officer of employer finds that the works delayed by reason beyond the control of the contractor, the Engineer in Charge / Authorized Officer after subjecting the approval of CMOH will make a fair and reasonable extension of time for completion of contract with written approval.
28. The payment of the agency will be released after issuance of work-done satisfactory received from the concerned authority.
29. Contractor have taken requisite "All Risk Insurance Policies" to cover workman under Workman Compensation Act, loss / damage caused by natural calamities / accident /accidental collapse of partially completed work, materials and plant at site and for third party claims for injury / damages.
30. Before taking initiation of any extra item/excess quantity during the work, the same should be got approved by Engineer in charge/Authorized Officer. Payment should be made as per PWD schedule of rate effected from November, 2017 but any extra demand from the work order amount as per tender will not be entertained.
31. Due to work at Hospital the Contractors / agencies will be responsible for work at emergency basis and urgently finishing the work. All materials must be P.W.D. schedule specified. Engineer in charge may ask for test certificates for quality control. The agency/contractor must be carrying the cost of the said test without any claim.


  
Chief Medical Officer of Health &  
Secretary, DH&FWS, North 24 Parganas

**Memo No: CMOH/N24PGS/ ENG-E/ 6222/1(15)**

**Date: 27/06/2022**

Copy forwarded for kind information and necessary action regarding vast publication to:

1. The Sabhadhipati, Zilla Parishad, North 24 Parganas.
2. The District Magistrate, North 24 Parganas.
3. The PO, NHM & Deputy Secretary, H&FWS, Govt. of W.B.
4. The Officer - In -Charge of Health, N24 Pgs.
5. The Executive Engineer of North 24 Parganas Electrical Division., P.W.D.te.
6. The Dy. CMOH-I, Nodal Officer, North 24 Pgs.
7. The Dy. CMOH-II/ Dy. CMOH-III/ NUHM NODAL/DMCHO/DTO, N24 Pgs.
8. The ACMOH of respective Sub-Division, N24Pgs.
9. The Executive Officer, Barasat Municipality, North 24 Parganas.
10. The BMOH of respective Block, N24Pgs.
11. The Account Officer & Treasurer of CMOH office, N24Pgs.
12. The Admin. Officer, CMOH office, N24Pgs.DPMU-NHM O/O: CMOH & DH&FWS, N24Pgs.
13. The IT Cell, Swasthya Bhawan. **(Requested to upload this notice in the official website of H&FW Dept., of Govt. of WB.)**
14. Notice Board.
15. Office Copy.

  
**Chief Medical Officer of Health &  
Secretary, DH&FWS, North 24 Parganas**

Chief Medical Officer Of Health  
North 24-parganas

**Financial Bid Document**

Name of Agency: .....

Address:.....  
.....

N.I.T No.....of 20....- 20....Vide Memo No: .....

Work Sl. No: .....

Description of Work: .....

Estimated value put to Tender (Rs.): .....

Earnest Money Deposit value (Rs.): .....

Earnest Money Deposit NEFT detail: .....

Quoted Percentage (both in figure and word) if any, to be deducted from bill:

.....

(Seal & Signature)

Full Name & Address of the Contractor:

Phone No.:

Self-Declaration

*M. M. S.*  
27/6/22  
Chief Medical Officer Of Health  
North 24-parganas

Space for Photograph

Affix recent Color Passport  
Size Photo Graph

I.....son/daughter of Shri.....  
age.....years, resident of..... in the district.....  
of, West Bengal, do hereby declare that the information given above and in  
the enclosed documents is true to the best of my knowledge and belief and  
nothing has been concealed therein. I am well aware of the fact that if the  
information given by me is proved false/ not true at any point of time, I will  
have to face punishment as per any provision of Law for the time being in  
force as well as the benefit availed of by me or the benefit accrued to me shall  
be summarily canceled.

Date:

Signature of Applicant

Place:

MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT								
S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
		<b>Note :</b>						
	1)	The continuous phase & neutral and ECC of all case, must run directly from one panel / DB to another panel / DB, DB to SB, one SB to another SB for looping, DB to Plug Point, SB to any electrical fixture / outlet etc. without any joint at any intermediate point.						
	2)	Earth wire ( as required ) may be done by looping system. But the loop can be made at the point where two or more different load end meet & it should be at any load-end / SB / JB / PB etc. from where it can be disconnect / reconnect / maintain in future easily. No loop is to be consider in a single route of earth wire.						
	3)	The wire colour through out the whole wiring system, must be maintained as red, yellow & blue for respective three phases, black for neutral & green for earthing.						
	4)	The UPS Switch Boards must be colour coded for identification of points under UPS i.e. Black colour switches and sockets must be installed for points under UPS.						
	5)	WBSEDC Charges has to be considered only where three phase electricity supply at existing facility is not available.						
		<b>SUB-HEAD I: INTERNAL WIRING</b>						
		<b>All wiring item including provision of conduit, conduit accsories , circuit wiring, switch, box and all fitting completed as required.</b>						
1.00		<b>INTERNAL WIRING</b>						
1.01	Page No. : E-14 Item No. : 1, Sub. Item No. (a).	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required						
		Sub. Item No. : ( i )	166	RM	102.00		16,932.00	
		Sub. Item No. : ( ii )	153	RM	119.00		18,207.00	
		Sub. Item No. : ( iii )	50	RM	149.00		7,450.00	
		Sub. Item No. : ( iv )	30	RM	193.00		5,790.00	
1.02	Page No. : F-5 Item No. : 9.	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.						
		(i).	10	Set	6.00		60.00	
		(ii).	22	Set	7.00		154.00	
		(iii).	4	Set	9.00		36.00	


  
 Dy. Chief Medical Officer Of Health-I  
 North 24-parganas



**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S/N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNTS
2.00		<b>SWITCH BOARDS</b>						
2.01	Page No. : E-6 Item No. : 21.	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Plano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. [Separate 6A Plug Point]	9	Each	204.00		1,836.00	
2.02	Page No. : E-6 Item No. : 22.	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Plano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. [Separate 20A Plug Point]	9	Each	287.00		2,583.00	
2.03	Page No. : E-7 Item No. : 24.	Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Plano key type switch, indicator & 16A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [CPU Board]	3	Each	669.00		2,007.00	
2.04	Page No. : E-7 Item No. : 28.	Supply & Fixing 240 V, 2 nos. 6A, & 2 nos. 20A plug socket with separate 2 nos. 6 A & 2 nos. 20A Plano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [Power Board]	3	Point	822.00		2,466.00	
2.05	Page No. : E-19 Item No. : 16.	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket with 20/25A Modular switch (Brand approved by EIC) type SP MCB (C-Curve) and 4 Module GI Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc. [UPS Board]	2	Each	535.00		1,070.00	
2.06	Page No. : E-17 Item No. : 5. (b).	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug top with indicator (Brand approved by EIC) & necy. Connections. [UPS Board]	2	Each	129.00		258.00	

  
 Dy. Chief Medical Officer of Health-I  
 North 24-parganas

No. 16/19/2017 DPMU  
 SAE (Elec), 24 PGS. (IN)  
 Dy. Chief Medical Officer of Health-I  
 North 24-parganas

**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
3.00		<b>DISTRIBUTION BOARDS &amp; MAIN SWITCH</b>						
3.01	Non-PWD Schedule	Supply of 2 mm thick wooden ply board of size 3 ftx2 ft and fixing the same in wall by necessary nuts, bolts etc. Incl. Supply and fixing of 3 nos. 100A, 415V, Porcelain Fuse carried and base (Havells make, cat no: IHKRN4100) and neutral bar at wooden board.	1		2,232.59			2,233.00
3.02	Page No. : D-3 Item No. : 4a.	Supplying and fixing 415V, TPN SFU with sheetsteel enclosure on flat iron/angle iron frame on wallwith nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating. [L&T/Havells]						
	i)	125A 415V TPN SFU	1	Each	7,415.00		7,415.00	
	ii)	63A 415V TPN SFU	3	Each	4,132.00		12,396.00	
3.03	Page No. : D-2 Item No. : 3.	Supplying and fixing 415V, TPN on load front operated Changeover switch with Sheet Steel enclosure on angle iron frame on wall with nuts bolts etc [L&T/Havells]						
		415 V 125A TPN	1	Each	8,568.00		8,568.00	
3.04	Page No. : D-12 Item No. : 19. (a).	Supplying & fixing sheet metal (16 SWG) Iron Clad Busbar chambers on angle iron frame on wall, incl. earthing attachment and painting as required - ( As per Drawing no. 470 of PWD Specification Book - May 1991)						
		415 V, 125 A, Aluminium Bar	1	Mtr.	2,482.00		2,482.00	
3.05	Page No. : D-11 Item No. : 15.	<b>VTPN D.B</b> Supplying and fixing double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment [L&T/ ABB/Siemens].						
		6 way Enclosure Up to 160A [MNDB]	1	Each	9,100.00		9,100.00	
3.06	Page No. : D-10 Item No. : 14.	<b>TPN D.B</b> Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment [Legrand/ ABB/Siemens/L&T/Havells].						
		4 way Enclosure [PDB 1,2]	2	Each	2,419.00		4,838.00	
3.07	Page No. : D-9 Item No. : 13.	<b>SPN D.B</b> Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. [Legrand/ ABB/Siemens/L&T/Havells].						
		2+12 way Enclosure [EDB 1,2]	3	Each	1,436.00		4,308.00	

  
 Dy. Chief Medical Officer Of Health-1  
 North 24-parganas

SAB (P) (C): DPMU  
 NHM, DIP & PWS, 24 PGS. (N)

MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT

S/N O	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
3.08	Page No. : D-9 Item No. : 11.	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two/four pole MCB, concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment 2 Way [For UPS]	2	Each	270.00		540.00	
3.09	Page No. : D-12 Item No. : 16.	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for TPN DB horizontal / vertical enclosure with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish with nuts bolts etc incl. provision for earthing attachment. 6 Way Vertical	1	Each	1,072.00		1,072.00	
3.10	Page No. : D-8 Item No. : 10.	<b>MCBB</b> Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection [L&T / ABB/Siemens]. 100 A [MTPN I/C]	1	Each	6,236.00		6,236.00	
3.11	Page No. : D-6,7 Item No. : 7,8	<b>MCB</b> Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection (Legrand / ABB/ Siemens/ L&T/ Havells). (i). Single Pole 6-32A MCB [O/g of PDBs and SPN DBs] (ii). Double Pole 40A isolator [LDB 1,2, EDB 1 I/C] (iii). Double Pole 32A MCB [2 WAY DB FOR UPS] (iv). Four pole 63A isolator [PDB 1,2 I/C] (v). Triple Pole 63A MCB [MNDB O/G - PDB 1,2 & spare- 4 nos.]	60 3 2 2 6	Each Each Each Each Each	168.00 168.00 322.00 478.00 1,150.00		10,080.00 504.00 644.00 956.00 6,900.00	
4.00		<b>CABLE MAIN, LAYING AND FINISHING OF CABLE</b>						
4.01	Page No. : F-1 Item No. : 2. ( c )	Laying on Wall / surface with Saddles / clamps Laying of cable from 3/3½ core 35 sqmm to 50 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting.	50	RM	71.00		3,550.00	
	Page no: F-1, item no: 2 (b)	Laying of cable upto 3/4 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. For 2 nos. HTPN.	40	RM	60.00		2,400.00	
4.02	Page No. : F-2 Item No. : 1. (a).	Laying through Underground Trench Laying of one No. cable upto 35 sqmm in underground trench 460mm wide x 760mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per Mtr. including filling the space between the bricks and cable and also the trenchwith shifted soil, leveling up and restoring surface duly rammed.For DG AMF Panel.	45	RM	162.00		7,290.00	

*[Handwritten signature]*

Dy. Chief Medical Officer Of Health-I  
North 24-parganas

*[Handwritten signature]*  
M.M. Dh. & PWS-24 PWS (RM)

MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT								
S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
		<b>CABLE TERMINATION</b>						
4.04	Page No. : F- 4 Item No. : 7. Sub. Item No. : ( c ) Sub. Item No. : ( c ) Sub. Item No. : ( c )	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below : For 4 core upto 50 sqmm For 4 core upto 35 sqmm For 4 core upto 25 sqmm	3 5 4	Set Set set	197.00 162.00 162.00		591.00 810.00 648.00	
4.05	Page No. : F- 5 Item No. : 8. Sub. Item No. : (xvi) Sub. Item No. : (xv) Sub. Item No. : (xiii)	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials 4 core 50 sqmm cable 4 core 35 sqmm cable 4 core 25 sqmm cable	3 5 4	Set Set Set	209.00 158.00 115.00		627.00 790.00 460.00	
4.06	Page No. : F- 6 Item No. : 11. (e). Sub. Item No. : (xvii)	Supplying & fixing medium gauge GI Pipe ( ISI-Medium) Protection with necessary fittings and jointing materials as required 50 mm dia ISI	3	Mtr.	330.00		990.00	
		<b>SUPPLY OF CABLE</b>						
4.07	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-50 sqmm 4 core.	20	RM		612.00		12,240.00
4.08	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-35 sqmm 4 core.	45	RM		460.00		20,700.00
4.08	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-25 sqmm 4 core.	50	RM		351.50		17,575.00
5.00		<b>EARTHING:</b>						
5.01	Page No. : G-1 Item No. : 2. Sub. Item No. : ( a )	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen party under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: [By ISI Medium GI pipe [D.G. Body:2, D.G. Neutral: 2, VTPN DB:1 UPS: 1]	6	Set	1,369.00		8,214.00	

SAFETY (REG.) DPMU  
MNH OH & FWS-24 PGS. (M)

*[Signature]*  
Dy. Chief Medical Officer Of Health-1  
North 24-parganas

**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

Reference : PWD Schedule, April - 2017		DESCRIPTION OF ITEMS				QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
5.02	Page No. : G-2 Item No. : 4. Sub. Item No. : ( a )	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.				4	mt.	156.00		624.00	
5.03	Page No. : G-3 Item No. : 5. Sub. Item No. : ( c )	Connecting the equipments body to earth busbar including S&F 20 mm x 3 mm galvanized (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.				29	mt.	92.00		2,668.00	
5.04	Page No. : G-2 Item No. : 5.	Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages									
	Sub. Item No. : ( a )	Solid GI wire				38	mt.	13.00		494.00	
	Sub. Item No. : ( ii )	No. 6 SWG									
5.05	N/S	Dismantling existing pannel box ,distribution box, laying cable etc.					LS				2,572.00
NS TOTAL:- Rs.											55,320.00
PWD TOTAL:- Rs.											165,044.00
TOTAL PWD+NS											220,364.00
<b>A. SUB TOTAL : (SCHEDULED)</b>											<b>165,044.00</b>
<b>B. TOTAL AMOUNT (NON-PWD-SCHEDULED)</b>											<b>55,320.00</b>
<b>C. TOTAL AMOUNT : [C=A+B]</b>											<b>220,364.00</b>
<b>D. Add GST 12% [C=F*0.12]</b>											<b>26,443.68</b>
<b>E. Total Amount with 12% GST [E=C+D]</b>											<b>246,807.68</b>
<b>F. Add L.C. @1% [F=G*0.01]</b>											<b>2,468.08</b>
<b>G. Add Contingency @3% [G=E*0.03]</b>											<b>7,404.23</b>
<b>I. Tender Amount [I=E+F]</b>											<b>249,276.00</b>
<b>J. TOTAL AMOUNT [Rounded Value of J=E+F+G] [Without WBSEDCL Charge]</b>											<b>256,680.00</b>

  
 Dy. Chief Medical Officer of Health-I  
 North 24-parganas

SAEF/REGD/DPMLC  
 NHM, OH & PWS, 24 PGS. (11)

**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
	<b>Note:-</b>							
1)		The continuous phase & neutral and ECC of all case, must run directly from one panel / DB to another panel / DB, DB to SB, one SB to another SB for looping, DB to Plug Point, SB to any electrical fixture / outlet etc. without any joint at any intermediate point.						
2)		Earth wire ( as required ) may be done by looping system. But the loop can be made at the point where two or more different load meet & it should be at any load-end / SB / JB / PB etc. from where it can be disconnect / reconnect / maintain in future easily. No loop is to be consider in a single route of earth wire.						
3)		The wire colour through out the whole wiring system, must be maintained as red, yellow & blue for respective three phases, black for neutral & green for earthing.						
4)		The UPS Switch Boards must be colour coded for identification of points under UPS i.e. Black colour switches and sockets must be installed for points under UPS.						
5)		District Charge is applicable for sites under Bongaon Sub Division						
6)		WBSEDCL Charges has to be considered only where three phase electricity supply at existing facility is not available.						
		<b>SUB-HEAD I: INTERNAL WIRING</b>						
		<b>All wiring item including provision of conduit, conduit accessories , circuit wiring, switch, box and all fitting completed as required.</b>						
1.00		<b>INTERNAL WIRING</b>						
1.01	Page No. : E-14 Item No. : 1, Sub. Item No. : (a).	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unshathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required						
	Sub. Item No. : ( i )	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	160	RM	102.00		16,320.00	
	Sub. Item No. : ( ii )	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	150	RM	119.00		17,850.00	
	Sub. Item No. : ( iii )	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC	50	RM	149.00		7,450.00	
	Sub. Item No. : ( iv )	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC	30	RM	193.00		5,790.00	
1.02	Page No. : F-5 Item No. : 9.	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.						
	(i).	2.5 sqmm	10	Set	6.00		60.00	
	(ii).	4 sqmm	22	Set	7.00		154.00	
	(iii).	6 sqmm	4	Set	9.00		36.00	

  
**Dy. Chief Medical Officer of Health-I**  
**North 24 - PARGANAS**

  
**SARGATEL (ECC) DPNU**  
**NHM, DH & FMS, 24 PGS. (N)**

MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT

S.N	Reference : P.W.D Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	P.W.D RATE Schedule, April - 2017	NS RATE	AMOUNT P.W.D Schedule	AMOUNT NS
2.00		<b>SWITCH BOARDS</b>						
2.01	Page No. : E-6 Item No. : 21.	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Plano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. [Separate 6A Plug Point]	9	Each	204.00		1,836.00	
2.02	Page No. : E-6 Item No. : 22.	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Plano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. [Separate 20A Plug Point]	9	Each	287.00		2,583.00	
2.03	Page No. : E-7 Item No. : 24.	Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Plano key type switch, indicator & 16A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [CPU Board]	3	Each	669.00		2,007.00	
2.04	Page No. : E-7 Item No. : 28.	Supply & Fixing 240 V, 2 nos. 6A, & 2 nos. 20A plug socket with separate 2 nos. 6 A & 2 nos. 20A Plano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required [Power Board]	3	Point	822.00		2,466.00	
2.05	Page No. : E-19 Item No. : 16.	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket with 20/25A Modular switch (Brand approved by EIC) type SP MCB (C-Curve) and 4 Module GI Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc. [UPS Board]	2	Each	535.00		1,070.00	
2.06	Page No. : E-17 Item No. : 5. (b).	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug top with indicator (Brand approved by EIC) & necy. Connections. [UPS Board]	2	Each	129.00		258.00	

*[Signature]*  
Dy. Chief Medical Officer Of Health-1  
North 24-parganas

*[Signature]*  
SARFARAZ, DPMU  
NHM, DH & FMS, 24 PGS. (M)

**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
3.00		<b>DISTRIBUTION BOARDS &amp; MAIN SWITCH</b>						
3.01	Non-PWD Schedule	Supply of 2 mm thick wooden ply board of size 3 ftx2 ft and fixing the same in wall by necessary nuts, bolts etc. Incl. Supply and fixing of 3 nos. 100A, 415V, Porcelain Fuse carried and base (Havells make, cat no: IHKRRN4100) and neutral bar at wooden board.	1			2,232.59		2,233.00
3.02	Page No. : D-3 Item No. : 4a.	Supplying and fixing 415V, TPN SFU with sheetsteel enclosure on flat iron/angle iron frame on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating. [L&T/Havells]						
	i)	125A 415V TPN SFU	1	Each	7,415.00		7,415.00	
	ii)	63A 415V TPN SFU	3	Each	4,132.00		12,396.00	
3.03	Page No. : D-2 Item No. : 3.	Supplying and fixing 415V, TPN on load front operated Changeover switch with Sheet Steel enclosure on angle iron frame on wall with nuts bolts etc [L&T/Havells]						
		415 V 125A TPN	1	Each	8,588.00		8,588.00	
3.04	Page No. : D-12 Item No. : 19. (a).	Supplying & fixing sheet metal (16 SWG) Iron Clad Busbar chambers on angle iron frame on wall, incl. earthing attachment and painting as required - (As per Drawing no. 470 of PWD Specification Book - May 1991)						
		415 V, 125 A, Aluminium Bar.	1	Mtr.	2,482.00		2,482.00	
3.05	Page No. : D-11 Item No. : 15.	VTPN D.B Supplying and fixing double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment [L&T/ABB/Siemens].						
		6 way Enclosure Up to 160A [MNDB]	1	Each	9,100.00		9,100.00	
3.06	Page No. : D-10 Item No. : 14.	TPN D.B Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment [Legrand/ABB/Siemens/L&T/Havells].						
		4 way Enclosure [PDB 1,2]	2	Each	2,419.00		4,838.00	
3.07	Page No. : D-9 Item No. : 13.	SPN D.B Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. [Legrand/ABB/Siemens/L&T/Havells].						
		2+12 way Enclosure [PDB 1,2]	3	Each	1,436.00		4,308.00	

  
 Dy. Chief Medical Officer Of Health-I  
 North 24 PARGANAS

NHM, CH & FWS, 24 PARGANAS  
 (Recd.)  
 20/04/2017



**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

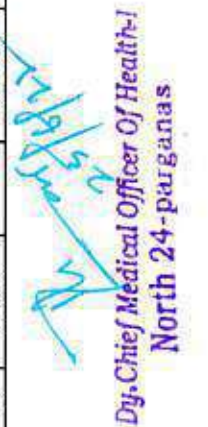
S.N O	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
3.08	Page No. : D-9 Item No. : 11.	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two/four pole MCB, concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment. 2 Way [For UPS]	2	Each	270.00		540.00	
3.09	Page No. : D-12 Item No. : 16.	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for TPN DB horizontal / vertical enclosure with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish with nuts bolts etc incl. provision for earthing attachment. 6 Way Vertical	1	Each	1,072.00		1,072.00	
3.10	Page No. : D-8 Item No. : 10.	<b>MCCB</b> Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection [L&T / ABB / Siemens]. 100 A [TPN I/C]	1	Each	6,236.00		6,236.00	
3.11	Page No. : D-6.7 Item No. : 7,8	<b>MCB</b> Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection (Legrand / ABB/ Siemens/ L&T/ Havells). (i). Single Pole 6-32A MCB [O/g of PDBs and SPN DBs] (ii). Double Pole 40A isolator [LDB 1.2, EDB 1 I/C] (iii). Double Pole 32A MCB [2 WAY DB FOR UPS] (iv). Four pole 63A isolator [PDB 1.2 I/C] (v). Triple Pole 63A MCB [MNDB O/G - PDB 1.2 & spare- 4 nos.]	50 3 2 2 6	Each Each Each Each Each	168.00 168.00 322.00 478.00 1,150.00		10,080.00 504.00 644.00 956.00 6,900.00	
4.00		<b>CABLE MAIN, LAYING AND FINISHING OF CABLE</b> Laying on Wall / surface with Saddles / clamps						
4.01	Page No. : F-1 Item No. : 2. ( c )	Laying of cable from 3/3½ core 35 sqmm to 50 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting. Laying of cable upto 3/4 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. For 2 nos. HTPN.	50 40	RM RM	71.00 60.00		3,550.00 2400.00	
4.02	Page No. : F-2 Item No. : 1. (a).	Laying through Underground Trench Laying of one No. cable upto 35 sqmm in underground trench 450mm wide x 750mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per Mtr. including filling the space between the bricks and cable and also the trench with shifted soil, leveling up and resloping surface duly rammed. For DG AMF Panel.	45	RM	162.00		7,290.00	

  
 Dy. Chief Medical Officer Of Health-I  
 North 24-parganas

(Elect) CD PGM  
 (Elect) & PMS: 24 PGM  
 (Elect) & PMS: 24 PGM

**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S.N O	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
		<b>CABLE TERMINATION</b>						
4.04	Page No. : F- 4 Item No. : 7.	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below :						
	Sub. Item No. : ( c )	For 4 core upto 50 sqmm	3	Set	197.00		591.00	
	Sub. Item No. : ( c )	For 4 core upto 35 sqmm	5	Set	162.00		810.00	
	Sub. Item No. : ( c )	For 4 core upto 25 sqmm	4	set	162.00		648.00	
4.05	Page No. : F- 5 Item No. : 8.	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials						
	Sub. Item No. : (xvi)	4 core 50 sqmm cable	3	Set	209.00		627.00	
	Sub. Item No. : (xv)	4 core 35 sqmm cable	5	Set	158.00		790.00	
	Sub. Item No. : (xiii)	4 core 25 sqmm cable	4	Set	115.00		460.00	
4.06	Page No. : F- 6 Item No. : 11. (e).	Supplying & fixing medium gauge GI Pipe ( ISI-Medium) Protection with necessary fittings and jointing materials as required						
		50 mm dia ISI	3	Mtr.	330.00		990.00	
		<b>SUPPLY OF CABLE</b>						
4.07	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-50 sqmm 4 core.	20	RM		612.00		12,240.00
4.08	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-35 sqmm 4 core.	40	RM		460.00		18,400.00
4.08	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-25 sqmm 4 core.	50	RM		351.50		17,575.00
5.00		<b>EARTHING:</b>						
5.01	Page No. : G-1 Item No. : 2.	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen party under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below:						
	Sub. Item No. : ( a )	By ISI Medium GI pipe [D.G. Body:2, D.G. Neutral: 2, VTPN DB:1 UPS: 1]	6	Set	1,369.00		8,214.00	

  
 Dy. Chief Medical Officer Of Health-I  
 North 24-parganas

NHM, DH & FWS, 24 PGS. (M)  
 SARE (Elect.) DPML  


**MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER NORTH 24 PARGANAS DISTRICT**

S.N	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
5.02	Page No. : G-2 Item No. : 4. Sub. Item No. : ( a )	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.	4	mtr.	156.00		624.00	
5.03	Page No. : G-3 Item No. : 5. Sub. Item No. : ( c )	Connecting the equipments body to earth busbar including S&F 20 mm x 3 mm galvanized (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.	30	mtr.	92.00		2,760.00	
5.04	Page No. : G-2 Item No. : 5.	Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages						
	Sub. Item No. : ( a )	Solid GI wire						
	Sub. Item No. : ( ii )	No. 6 SWG	30	mtr.	13.00		390.00	
5.05	N/S	Dismantling existing pannel box ,distribution box, laying cable etc.		LS				2,572.00
<b>NS TOTAL:- Rs.</b>								<b>53,020.00</b>
<b>PWD TOTAL:- Rs.</b>								<b>164,063.00</b>
<b>TOTAL PWD+NS</b>								<b>217,083.00</b>
<b>A. SUB TOTAL : (SCHEDULED)</b>								<b>164,063.00</b>
<b>B. TOTAL AMOUNT (NON-PWD-SCHEDULED)</b>								<b>53,020.00</b>
<b>C. TOTAL AMOUNT : [C=A+B]</b>								<b>217,083.00</b>
<b>D. Add Average District Charge 2% (On Scheduled items) [D=A*0.02] (for Bongaon Sub Division)</b>								<b>3,281.26</b>
<b>E. Amount with District Charge (On Scheduled items) [E=A+D]</b>								<b>167,344.26</b>
<b>F. TOTAL ESTIMATED AMOUNT : (F=B+E)</b>								<b>220,364.26</b>
<b>G. Add GST 12% [G=F*0.12]</b>								<b>26,443.71</b>
<b>H. Total Amount with 12% GST [H=F+G]</b>								<b>246,807.97</b>
<b>I. Add L.C. @1% [I=H*0.01]</b>								<b>2,468.08</b>
<b>J. Add Contingency @3% [J=H*0.03]</b>								<b>7,404.24</b>
<b>K. Tender Amount [K=H+I]</b>								<b>249,276.00</b>
<b>L. TOTAL AMOUNT [Rounded Value of L=H+I+J] [Without WBSEDCL Charge]</b>								<b>256,680.00</b>

  
 Dy. Chief Medical Officer of Health-I  
 North 24-parganas

09/07/2021  
 SAE (Elec), DPMU  
 NHM, DH & FWS, 24 PGS. (N)