



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/ 360

Date: 14/01/2022

N.I.T.No. - 04/ENG OF 2021-22

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	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Barrackpore - I Block (Phase- I), N24Pgs. Barrackpore - I : Shyama Prasad Pally SC, Chadua SC & Nagdah SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
2	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Barrackpore - I Block (Phase- II), N24Pgs. Barrackpore- I : Rajendrapur SC, Bizna SC & Nanna SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
3	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Barrackpore - II Block, N24Pgs. Barrackpore- II : Matarangi SC, Nabapally SC & Jaffarpur Kalitala SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
4	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Barrackpore - I & II Block, N24Pgs. Barrackpore- I : Basudevpur SC & Vivekanadagarh SC Barrackpore - II : Mohanpur SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
5	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Rajarhat Block (Phase- I), N24Pgs. Rajarhat : Chapna SC, Anandakesari SC & Chakpachuria SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
6	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Rajarhat Block (Phase- II), N24Pgs. Rajarhat : Tarulia SC, Azadnagar SC & Raigachi SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days


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7	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Rajarhat & Barasat - II Block, N24Pgs. Rajarhat : Kalaberia SC Barasat - II : Falti SC & Sasan SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
8	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Habra - I Block (Phase- I), N24Pgs. Habra - I : Marrackpore SC, Narayanpur SC & Sonakenia SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
9	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Habra- I (Phase- II) Block, N24Pgs. Habra - I : Kumra SC, Raghavpur SC & Rudrapur SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
10	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Habra- I (Phase- III) Block, N24Pgs. Habra - I : Maslandapur SC, Krishnanagar SC & Mallickpur SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
11	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Habra- I & II, Barasat - I Block, N24Pgs. Habra - I : Pairagachi SC, Habra - II : Putia SC Barasat - I : Bagpul SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
12	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Barasat- I Block, N24Pgs. Barasat - I : HB Colony SC, Goakhali SC & Debipur SC	Rs. 4,47,204/-	Rs.8,944/-	60 Working Days
13	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Gaighata Block, N24Pgs. Gaighata : Duma SC, Bishnupur SC & Sinjal SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days
14	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Gaighata & Bongaon Block, N24Pgs. Gaighata : Fulsara Panchpota SC & Gazipur SC Bongaon : Ramsankarpur SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days
15	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Bongaon Block (Phase- I), N24Pgs. Bongaon : Belta SC, Barrackpur SC & South Kalurpur SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days
16	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Bongaon Block (Phase- II), N24Pgs. Bongaon : Dharampukuria SC, Jayantipur SC & Arsingi SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days

17	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Bongaon Block (Phase- III), N24Pgs. Bongaon : Kuchiamore SC, Chamta SC & Asurhat SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days
18	E.I. work at total 3 Nos. Sub Centres for setting up of HWC under Bongaon Block (Phase- IV), N24Pgs. Bongaon : Sabaipur (Sukpukuria) SC, Fakirbagan SC & Panchpota SC	Rs. 4,56,150/-	Rs.9,123/-	60 Working Days

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'
14.01.2022	24.01.2022 up to 16:00 hrs.	25.01.2022 on 12:00 hrs. at CMOH Chamber	25.01.2022 on 15:00 hrs. at CMOH Chamber


Terms and Conditions

- The interested agencies have to collect their all relevant tender document from <http://north24parganas.gov.in> only.
- 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 (Sl 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 4 (Four) Sl. No.(s) at most.**
- 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"**.
- Technical Bid must contains** Earnest Money Demand Draft, Self-declaration form (**Annexure-B**), PAN Card, I.T return of AY- 2020-21, up-to-date payment of Professional Tax challan, GST registration certificate, Valid Trade license (for electrical works), Electrical license & Supervisory Certificate of competency in parts 1, 2, 11 or equivalent National Supervisors Certificate of competency 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. : Completion Certificate should contain a) Name of Work b) Name of Client c) Amount put to tender d) Schedule date of completion e) Actual date of completion f) Date of Payment g) Amount Paid. The certificate shall be issued by the competent authority who issued the 'Work Order' on behalf of the organization. **Separate credential needs to be submitted for each Sl No of work.**
- 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**.
- 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.


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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 collect PWD Tender Form No. 2911 from the Engineering section of the undersigned and the same have to be submitted after properly filling-up within 7(Seven) days from the date of receipt of the work order.
9. 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.
10. Incomplete tender will be rejected summarily.
11. 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.
12. 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.
13. The contractor shall have to carry out work with his own equipment and machinery.
14. 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.
15. 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.
16. **Constructional Labour Welfare Cess @ 1(one) % of cost of construction will be deducted** from every Bill of the selected agency
17. 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 earnest money & security money; only the Labour Co-Operative Societies are exempted from paying Earnest Money.
18. **Bids shall remain valid** for a period not less than **180 (One Hundred Eighty) 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.
19. 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
20. 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.

21. The undersigned reserves the right to forfeit the Earnest money and security deposited in the event of any short of breach of contract.
22. Contractor should put their firms/organization endorsement (signature of authorized signatory with official stamp) on each page of all the tender documents.
23. Contractors will note that non-compliance of any of the instruction is liable to render there, tender will be non-bona-fide.
24. 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.
25. The contractors at his cost shall store all the materials which will be used for the work.
26. 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.
27. The payment of the agency will be released after issuance of work-done satisfactory received from the concerned authority.
28. 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.
29. 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.
30. 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/ 360/1(13)

Date: 14/01/2022

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

1. The District Magistrate, North 24 Parganas.
2. The PO, NHM & Deputy Secretary, H&FWS, Govt. of W.B.
3. The Officer – In –Charge of Health, N24 Pgs.
4. The Executive Engineer of North 24 Parganas Electrical Division., P.W.D.te.
5. The Dy. CMOH-I, Nodal Officer, North 24 Pgs.
6. The Dy. CMOH-II/ Dy. CMOH-III/ NUHM NODAL/DMCHO/DTO, N24 Pgs.
7. The ACMOH of respective Sub-Division, N24Pgs.
8. The BMOH of respective Block, N24Pgs.
9. The Account Officer & Treasurer of CMOH office, N24Pgs.
10. The Admin. Officer, CMOH office, N24Pgs.DPMU-NHM 0/0: CMOH & DH&FWS, N24Pgs.
11. The IT Cell, Swasthya Bhawan. **(Requested to upload this notice in the official website of H&FW Dept., of Govt. of WB.)**
12. Notice Board.
13. Office Copy.


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

Secretary
District Health & Family Welfare Society
& 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:

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(Seal & Signature)

Full Name & Address of the Contractor:

Phone No.:

Sd/-
Secretary
District Health & Family Welfare Sandh
& Chief Medical Officer of Health
North 24 Parganas

Self-Declaration

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 Rough Cost Estimate for E.I. Work at Sub Centre for Setting Up of HWC, North 24 Parganas.						
Name of Work:-						
Sl. No.	Description of Item	Unit	Qty.	Rate.(Rs)	Amount.(Rs)	
1	Supplying and fixing Sheet steel 240V 32A DP Main Switches on flat iron frame on wall with fuse on L&N. (Make- Havells/ HPL) [Pg-D1 Item- 1(a)]	Each	1	1,228.00	1,228.00	
2	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) 2 bars 240 V, 63 A, Dimension of Al. bars [85mm long]- 2 x 20x5mm, Dimension of Sheet Metal Box - 300x150mm	RM	0.25	1,682.00	420.50	
3	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Make- Finolex/ KEI/Polycab) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required [Pg- E14, Item- 1/a/ii]					
	a) 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC [for main switch to SPN DB]	Mtr.	30	193.00	5,790.00	
	a) 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [for Switch Boards, Computer Point, PP]	RM	60	119.00	7,140.00	
4	Supplying and fixing double-door 2+8 way 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. (Make- Legrand/L&T/ABB) Incomer: DP 40A Isolator- 1 No. [Pg- D6, Item- 6] Outgoing: SP 6-32A 10KA C- Curve MCB- 8Nos. [Pg- D6, Item- 7]	Each	2	3,045.00	6,090.00	
5	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Make- Finolex/ KEI/Polycab) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Plano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish Avg RM: 8 Mtr [Pg- E14, Item- 2]	Each	50	849.00	42,450.00	
6	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Make- Finolex/ KEI/Polycab) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to SA 3 pin flush type plug socket & Plano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish On Board [Pg- E15, Item- 4]	Each	6	67.00	402.00	
7	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Plano key type switch with indicator & 16A kit-kat flush type fuse (Anchor) 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 [Pg- E7, Item- 25]	Each	2	663.00	1,326.00	
8	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Plano key type switch (Anchor) 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 [Pg- E6, Item- 22]	Each	4	287.00	1,148.00	
9	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Plano key type switch (Anchor) 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. [Pg- E6, Item- 21]	Each	4	204.00	816.00	
10	S&Fixing Single LED tube light fittings (Philips - Cat No- TMC501P 1XT- LED 22 W P3241) with 1 no. LED lamp (Essential LEDtube 1200mm 20W/865 T8 IND I – 2100lm) withwith all accessories directly on wall/ceiling with HW block and ceiling plates, nipples etc. as required. [Philips - Cat No- TMC501P 1XT- LED 22 W P3241 & Essential LEDtube 1200mm 20W/865 T8 IND I – 2100lm OR Crompton Batter- IGP161LT8-16 , Tube- LGT8-20-865-2]	Each	10	1,064.64	10,646.40	
11	S&F of 9 Watt, 240V pin type LED bulb on wall incl. Supply & Fixing angular batten holder (Anchor) on 75mm dia PVC round block / round bakelite on wall/ceiling (Make LED Bulb- Philips/ Equivalent of Crompton)	Each	18	197.56	3,556.08	

Sl. No.	Description of Item	Unit	Qty.	Rate.(Rs)	Amount.(Rs)
12	Supply & fixing of 48" (900/1200 mm sweep- according to space) 240V AC ceiling fan complete Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire. (Make- Orient Quasar Ornametal/ Crompton aura prime/ Usha Striker)	Each	9	2,303.92	20,735.28
13	Supply & Fixing Socket type fan regulator (Step type) (Make- Anchor) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc [Pg- E6, Item- 18/a]	Each	9	236.00	2,124.00
14	Supply & fixing of 400 mm sweep 12" 240V AC wall fan complete with necessary accessories and connection as required. (Make - Orient Metal blade Wall 45/ Crompton SDX Black Gold)	Each	2	3,038.04	6,076.08
15	S&F 9" sweep AC Exhaust fan incl. S&F AL louver shutter after making hole in wall and mending good damages and smooth cement finish etc. as per as practicable and providing necy. Length of PVC insulated wire and making connection for exhaust fan (Make- EPC Heavy Duty/ crompton Heavy duty)	Each	5	3,418.48	17,092.40
16	Supplying & Fixing MS fan clam of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting - (As per Drawing no. 475 of PWD Specification Book - May 1991) [Pg- D14, Item- 29]	Each	9	242.00	2,178.00
17	Supplying & Fixing bulk head light fitting (Make- Havells/ Bajaj) with die cast aluminium housing & frosted glass on wall/ceiling incl. S&F 9 watt Philips/crompton LED lamp complete set. [Pg- D13, Item-23]	Each	1	579.00	579.00
18	S&delivery of 45 W LED Street Light fitting (Make- Crompton - LSTP-45-CDL or Eqv. of Philips- BRP031 LED45 CW MR PSU GR DX) with suitable nut, bolts, clamps, etc as required, for mounting on the GI Pole/Pipe.	Each	1	5,000.00	5,000.00
19	Fixing only outdoor / street light type fluorescent light fitting complete with all accessories to be fixed/projected from the wall of the building incl. making holes to building, S&F 40 mm dia GI pipe (ISI-Medium) 1.50 mts. average length, with GI socket at one end and thread at the other end & suitable bend to house the fitting & making necy. connections with S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall and painting [Pg-C13, Item- 19]	Each	1	722.00	722.00
20	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 partly 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	Each	1	1,369.00	1,369.00
21	Connecting the equipments body to earth busbar including S & F 25 mm x 6 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc. [Pg- G1 Item- 1]	Mtr.	3	138.00	414.00
22	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 40 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 [Pg- G2 Item- 4/b]	Mtr.	2	194.00	388.00
23	Earth Continuity Conductor: 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 Solid GI wire No. 8 SWG [Pg- G2 Item- 5]	Mtr.	20	9.00	180.00
24	Dismantling of existing damage main switches, DBs, light fittings, fans, socket, switch boards, panel, wirings as per direction of the E.I.C.	Job	1	750.00	750.00
				Rs.	138,620.74
Addl GST (@ 12%) except for Sl No. 10, 11, 12, 14, 15, 18, 24					8,971.74
					147,592.48
Addl. L.W. Cess (+ 1%)					1,475.92
					149,068.40
Addl. Contg (+ 3%)					4,472.05
					153,540.46
				Say Total.....Rs.	153,540.00
Rupees One Lakh Fifty Three Thousand Five Hundred Forty Only					

Model Rough Cost Estimate for E.I. Work at Sub Centre for Setting Up of HWC, North 24 Parganas.					
Name of Work-					
Sl. No.	Description of Item	Unit	Qty.	Rate.(Rs)	Amount.(Rs)
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2	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) 2 bars 240 V, 63 A, Dimension of Al. bars [85mm long]– 2 x 20x5mm, Dimension of Sheet Metal Box - 300x150mm	RM	0.25	1,682.00	420.50
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	a) 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC [for main switch to SPN DB]	Mtr.	30	193.00	5,790.00
	a) 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [for Switch Boards, Computer Point, PP]	RM	60	119.00	7,140.00
4	Supplying and fixing double-door 2+8 way 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. (Make- Legrand/L&T/ABB) Incomer: DP 40A Isolator- 1 No. [Pg- D6, Item- 6] Outgoing: SP 6-32A 10KA C- Curve MCB- 8Nos. [Pg- D6, Item- 7]	Each	2	3,045.00	6,090.00
5	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Make- Finolex/ KEI/Polycab) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish Avg RM: 8 Mtr [Pg- E14, Item- 2]	Each	50	849.00	42,450.00
6	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Make- Finolex/ KEI/Polycab) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 5A 3 pin flush type plug socket & Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish On Board [Pg- E15, Item- 4]	Each	6	67.00	402.00
7	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 16A kit-kat flush type fuse (Anchor) 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 [Pg- E7, Item- 25]	Each	2	663.00	1,326.00
8	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Anchor) 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 [Pg- E6, Item- 22]	Each	4	287.00	1,148.00
9	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Piano key type switch (Anchor) 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. [Pg- E6, Item- 21]	Each	4	204.00	816.00
10	S&F of 9 Watt, 240V pin type LED bulb on wall incl. Supply & Fixing angular batten holder (Anchor) on 75mm dia PVC round block / round bakelite on wall/ceiling (Make LED Bulb- Philips/ Equivalent of Crompton)	Each	18	197.56	3,556.08
11	S&F of 9 Watt, 240V pin type LED bulb on wall incl. Supply & Fixing angular batten holder (Anchor) on 75mm dia PVC round block / round bakelite on wall/ceiling (Make LED Bulb- Philips/ Equivalent of Crompton)	Each	18	197.56	3,556.08

Sl. No.	Description of Item	Unit	Qty.	Rate.(Rs)	Amount.(Rs)
12	Supply & fixing of 48" (900/1200 mm sweep- according to space) 240V AC ceiling fan complete Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. Incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire. (Make-Orient Quasar Ornametal/ Crompton sura prime/ Usha Striker)	Each	9	2,303.92	20,735.28
13	Supply & Fixing Socket type fan regulator (Step type) (Make-Anchor) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc [Pg- E5, Item- 18/a]	Each	9	236.00	2,124.00
14	Supply & fixing of 400 mm sweep 12" 240V AC wall fan complete with necessary accessories and connection as required. (Make - Orient Metal blade Wall 45/ Crompton SDX Black Gold)	Each	2	3,038.04	6,076.08
15	S&F 9" sweep AC Exhaust fan incl. S&F AL louver shutter after making hole in wall and mending good damages and smooth cement finish etc. as per as practicable and providing necy. Length of PVC insulated wire and making connection for exhaust fan (Make- EPC Heavy Duty/ crompton Heavy duty)	Each	5	3,418.48	17,092.40
16	Supplying & Fixing MS fan clam of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting - (As per Drawing no. 475 of PWD Specification Book - May 1991) [Pg- D14, Item- 29]	Each	9	242.00	2,178.00
17	Supplying & Fixing bulk head light fitting (Make- Havells/ Baja) with die cast aluminium housing & frosted glass on wall/ceiling incl. S&F 9 watt Philips/crompton LED lamp complete set. [Pg- D13, Item-23]	Each	1	579.00	579.00
18	S&delivery of 45 W LED Steet Light fitting (Make- Crompton - LSTP-45-CDL or Eqv. of Philips- BRP031 LED45 CW MR PSU GR DX) with suitable nut, bolts, clamps, etc as required, for mounting on the GI Pole/Pipe.	Each	1	5,000.00	5,000.00
19	Fixing only outdoor / street light type fluorescent light fitting complete with all accessories to be fixed/projected from the wall of the building incl. making holes to building, S&F 40 mm dia GI pipe (ISI-Medium) 1.50 mts. average length, with GI socket at one end and thread at the other end & suitable bend to house the fitting & making necy. connections with S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall and painting [Pg-C13, Item- 19]	Each	1	722.00	722.00
20	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 partly 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	Each	1	1,369.00	1,369.00
21	Connecting the equipments body to earth busbar including S & F 25 mm x 6 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc. [Pg- G1 Item- 1]	Mtr.	3	138.00	414.00
22	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 40 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 [Pg- G2 Item- 4/b]	Mtr.	2	194.00	388.00
23	Earth Continuity Conductor: 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 Solid GI wire No. 8 SWG [Pg- G2 Item- 5]	Mtr.	20	9.00	180.00
24	Dismantling of existing damage main switches, DBs, light fittings, fans, socket, switch boards, panel, wirings as per direction of the E.I.C.	Job	1	750.00	750.00
					Rs. 138,620.74
Addi GST (@ 12%) except for Sl No. 10, 11, 12, 14, 15, 18, 24					8,971.74
					147,592.48
Addi. L.W. Cess (+ 1%)					1,475.92
					149,068.40
Addi. District Charge (+ 2%) only for bongaon sub division.					2,981.37
					152,049.77
Addi. Contg (+ 3%)					4,561.49
					156,611.27
Say Total.....Rs.					156,611.00
Rupees One Lakh Fifty Six Thousand Six Hundred Eleven Only					

SAE (Elec), DPMU
NHM, DH & FWS, 24 PGS. (N)

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Chief Medical Officer of Health
North 24-Parganas