

WEST BENGAL MEDICAL SERVICES CORPORATION LTD.

(Wholly Owned by the Government of West Bengal)

CIN: U85110WB2008SGC126373

Regd. Off. : Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata-700091

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Memo No.: WBMSC/AAES- 733/4195

Date: 24/11/2017


ORDER

Administrative Approval & Expenditure Sanction is hereby accorded for 'Electrical work relating to Construction of new plant cum manifold room for Medical Gas Pipe Line System(MGPS) at Falakata S.S.H, district Alipurduar' at an estimated cost of Rs. 3,88,051.00 (Rupees Three Lakh Eighty Eight Thousand and Fifty One) only against fund allotment No: 1518(Sanction)/HF/P/P&B/MS/W-55/2017 Dated 23/11/2017

The details are as follows:

Sl No	Schemes	Amount (Rs)
1	Electrical work relating to Construction of new plant cum manifold room for Medical Gas Pipe Line System(MGPS) at Falakata S.S.H, district Alipurduar	3,78,586.00
2	Contingency @ 2.5%	9,465.00
Total		3,88,051.00

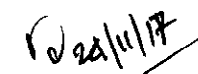
The work will be executed by the Executive Engineer, P.W.D, Cooch Behar Electrical Division & Ex-Officio Executive Engineer, West Bengal Medical Services Corporation Limited, as per norms stated in the order of the Health & Family Welfare Dept. M.S. Branch, vide No. HF/O/MS/384/W-39-12 dt. 01.06.2012 read with Notification No. 86-W(C)-1M-106/11 dt. 06.02.2012 and Memorandum no 37-W(C)-1M-106/11 dated 17.01.2012 of Public Works Department, Government of West Bengal.


Managing Director
Date: 24/11/2017

Memo No: WBMSC/AAES-733/4195/1(10)

Copy forwarded for information and necessary action to:

1. Joint Secretary, M.S. Branch, Dept. of Health & Family Welfare
2. CMOH, Alipurduar
3. Superintendent, Falakata SSH
4. Superintending Engineer, PWD, North Bengal Electrical Circle & Ex-Officio Superintending Engineer, West Bengal Medical Services Corporation Limited
5. Manager (Accounts), West Bengal Medical Services Corporation Limited.
6. Executive Engineer, P.W.D, Cooch Behar Electrical Division & Ex-Officio Executive Engineer, West Bengal Medical Services Corporation Limited
7. Consultant Project Engineer (Civil), West Bengal Medical Services Corporation Limited
8. Consultant Mechanical Engineer, West Bengal Medical Services Corporation Limited
9. Consultant Electrical Engineer, West Bengal Medical Services Corporation Limited
10. Office Copy.


Managing Director

ESTIMATE

Name of Work- Proposed Construction of Gas Manifold Room and Plant Room of Falakata Multi-Special Hospital-E.I. Work.

Report:- This estimate has been framed to meet up the probable cost of expenditure of the above noted work. The Construction work of Gas Manifold Room and Plant Room of Falakata Multi-Speciality Hospital will start soon. After making discussion with authority and AE, AESD 3-phase and 1-phase power source is required for machines at plant room. Besides that adequate light/Fan arrangement is also necessary in room. The estimate is split in to different part which is describe below:-

- (i) INSTALLATION OF VTPN :- 415V, 12 Way, VTPN is considered here.
- (ii) INSTALLATION OF SPNDB :- SPNDB for Lighting Load is considered here.
- (iii) FITTINGS AND FIXTURES :- 4 Ft LED fittings in room and ceiling fan is considered here.
- (iv) LAYING OF PVC/A CABLE :- 4 core 50 sq. mm. PVC/A cable from main LT Panel to VTPN is considered in this estimate.
- (v) LAYING OF PVC COPPER WIRE:- Suitable size PVC Copper wire is considered here to connect SPNDB & Plug Point.
- (vi) DISTRIBUTION WIRING :- Distribution wiring is done by PVC Copper wire conceal in wall and ceiling.


The estimate has been prepared in the view of safety and commissioning of Electrical Installation as specified in Indian Electricity code, Indian Standard, National Building Code and these should be complied during execution. So, the works related to this estimate are urgently required to be executed and accordingly the same is hereby placed for further necessary action please.

SL. NO.	DESCRIPTION OF ITEM	QNTY.	RATE	UNIT	AMOUNT
1	Supplying and fixing 12 Way double door Vertical TPN MCB Distribution board (Make- LEGRAND Encl- 607915) 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, comprising the following:- (A) 415V, 160A, FP MCCB (LEGRAND)- 1 No. (B) 415V, 63A, TP MCB (LEGRAND)- 10 Nos. (C) 230V 32A SPMCB (LEGRAND)- 6 Nos.	1 No.	50842.00	Each	50842.00
2	Earthing with 50 mm dia GI pipe (ISI-M) 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.	2 Nos.	1650.00	each	3300.00
3	Excavation of soil (Soft Soil) for installation of Earth Electrode and filling & ramming.	5 Cub. Mtr.	237.00	Per Cub. Mtr.	1185.00
4	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.	0.5 Mtr.	187.00	Per Mtr.	93.50
5	Connecting the equipments to earth busbar including S & F 4 SWG 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	30 Mtr.	22.00	Per Mtr.	660.00
6	S & Laying 4X70 ³⁵ sq. mm. PVC/A, Al. Cable (Brand Apvd. By EIC) in U.G. trench as per G.S.	200 Mtr.	865.00 610=50	per mtr.	173000.00 122100=
7	S & F Compression type Cable gland and finishing the end of 4X70 Sq.mm PVC/A cable.	2 Sets	562.00 190=80	Per Set	1124.00 380=60
8	Supplying & fixing 250 V , 2+12 way, 6-10A per way, SPN MCBDB (Legrand) with SS enclosure double-door with IP-42/43 protection with 40A DP Isolator as incomer and 12 Nos. 10-16A SPMCBS ('C' curve, 10 kA) as outgoing, 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.	1 Nos.	5672.00 5816=80	each	5672.00 5816=80
9	Supplying and fixing 32A DP MCB (LEGRAND) in 2-Way 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	4 Nos.	1051.00	Each	4204.00

10	Supplying and fixing 63A FP MCB (LEGRAND) in 4-Way 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	6 Nos.	2778.00	Each	16668.00
11	Supply & Fixing 240 V, 16 A, 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch, without plug top on 4 Module GI Modular type switch board with 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	6 Nos.	580.00	Each	3480.00
12	Cutting Channel of size (40 mm x 40 mm) on masonry wall by Electric operated cutting machine incl. supplying & fixing heavy gauge 19 mm, 3 mm thick Polythene pipe by means of anchoring chemical (Hilti/Sika) and GI 'U' hooks of 8 SWG incl. supplying and drawing 18 SWG GI wire as Fish ware and mending good damages to original finish by using own tools and tackles	340 Mtr.	75.00	Per Mtr.	25500.00
13	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required (i) 2X6 + 1X4 sq. mm. PVC copper wire. (ii) 4X6+2X4 sq. mm. PVC Copper Wire. (iii) 2X4 + 1X2.5 sq. mm. PVC Copper Wire. (iv) 2X2.5 + 1X1.5 sq. mm. PVC Copper Wire.	20 Mtr. 120 Mtr. 80 Mtr. 120 Mtr.	179.00 356.00 122.00 84.00	Per Mtr. Per Mtr. Per Mtr. Per Mtr.	3580.00 42720.00 9760.00 10080.00
14	Supplying and fixing 19mm dia 3mm thick polythene pipe complete with fittings as necy. under ceiling/beam, bound with 22 SWG GI binding wire incl. supplying and drawing 1x18 SWG GI Wire as fish wire inside the pipes and fittings and providing 50 mm dia disc of MS sheet (20 SWG) having colour paint at one face fastened at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction)	80 Mtr.	43.00	Per Mtr.	3440.00
15	Supplying & Fixing one way CI Round box with cover concealed in ceiling/wall	6 Nos.	37.00	Each	222.00
16	Supplying & Fixing two way CI Round box with cover concealed in ceiling/wall	10 Nos.	39.00	Each	390.00
17	Supplying & Fixing of Box type fan clamp of 150mm dia & 80mm depth made of 16 SWG CRCA sheet with one end duly sealed by cover, properly welded, incl. S&F 12mm dia 600mm long MS rod duly bent by heat treatment at the centre position of rod to grip fan bobbin properly, incl. binding the rod and fan box with reinforcement by 22 SWG steel binding wire, incl. supplying & covering the box with alkathene sheet, placed in order to prevent concrete from entering the box.	4 Nos.	205.00	Each	820.00
18	Finishing the end of following size PVC Copper Wire. (i) 2X6+1X4 sq. mm. (ii) 2X4 + 1X2.5 Sq. mm. (iii) 4X6 + 2X4 sq. mm. PVC Copper Wire.	2 Sets 8 Sets 12 Sets	28.00 22.00 50.00	Per Set Per Set Per Set	56.00 176.00 600.00
19	Supply & Fixing Single LED light fitting (Make- PHILIPS, Cat No.-TMC501 P 1XT-LED) with 1X20W LED tube (Make- Philips, Cat. No- ESSENTIAL LED tube 1200mm 20W865T8 IND I) complete with all accessories suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "U" type MS clamp and connecting the length of PVC insulated copper wire as per GS.	2 Nos.	1900.00	Each	3800.00
20	Supply & Fixing Twin LED light fitting (Make- PHILIPS, Cat No.-TMC501 P 2XT-LED) with 2X20W LED tube (Make- Philips, Cat. No- ESSENTIAL LED tube 1200mm 20W865T8 IND I) complete with all accessories suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "U" type MS clamp and connecting the length of PVC insulated copper wire as per GS.	6 Nos.	3100.00 2840.00	Each	18600.00 17040.00
21	S & F 230V, 50Hz, 56" Sweep A.C. Ceiling Fan Complete with all accessories. (Make- USHA- Stricker)	4 Nos.	2225.00 2175.00	Each	8900.00 8700.00

22	Supply & Fixing 240V, Modular Socket (2 Module) type fan regulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. making necy. connections etc	4 Nos.	501.00	Each	2004.00
23	S&F 250V, 12" sweep A.C. Exhaust Fan (EPC Make) after cutting hole in wall incl. S&F louver shutter as per G.S.	4 Nos.	3600.00	Each	14400.00
24	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3 mm thick polythen pipe (for horizontal & vertical run in wall and ceiling portion through pre-laid polythen pipe) complete with all accessories embedded in wall to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC. (Av Run-8 Mtr.)	18 Pts.	1271.00 1239.22	Per Pt.	22878.00 22212.00
25	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to 240 V 6A 5 pin plug point incl. S&F 240 V 6A 3 pin Modular type plug socket & Modular type switch (Brand approved by EIC) incl. S&F earth continuity wire, fixed on 4 Module GI switch board with 3/4 Module top cover plate flushed in wall incl. mending good damages to original finish. On Board.	2 Pts.	274.00	Per Pt.	548.00
26	Supply & delivery of 4 Kg. capacity, dry chemical type fire extinguisher (Make- Fire Shield or equivalent ISI mark) suitable for class A, B & C type fire, consisting of welded cylinder, squeeze lever discharge valve fitted with pressure indicating gauge, internal discharge tube, discharge nozzle suspension bracket confirming to IS: 15683:2006 duly filled with ISI mark Mono Ammonium base Dry Chemical Powder confirming to IS:14609 and pressurized with Nitrogen Gas.	4 Nos.	3500.00	Each	14000.00
27	S & F M.S. clamp for hanging the fire extinguisher cylinder.	4 Nos.	110.00	Each	440.00
28	Charges for installation of 12"X4" LED Glow Sign Board.	1 Item	250000.00	Per Item	250000.00

Rs. 693142.50
Say Rs. 693143.00


20-07-17
Executive Engineer
Cooch Behar Electrical Division

Adding w/j cess
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Rs. 3,79,837.29

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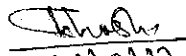
Rs. 3,78,586.27

Adding Administration
charges say.

15,193.20

Rs. 3,93,779.27

Say Rs. 3,93,780.27


21/7/17

Consultant Eng. (Elect.)
West Bengal Medical Services Corporation Ltd.