

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- 737/4199

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 Siliguri DH, district Darjeeling' at an estimated cost of Rs. 3,19,056.00 (Rupees Three Lakh Nineteen Thousand and Fifty Six) 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 Siliguri DH, district Darjeeling	3,11,274.00
2	Contingency @ 2.5%	7,782.00
Total		3,19,056.00

The work will be executed by the Executive Engineer, P.W.D, Darjeeling 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-737/4199/1(10)

Copy forwarded for information and necessary action to:

1. Joint Secretary, M.S. Branch, Dept. of Health & Family Welfare
2. CMOH, Darjeeling
3. Superintendent, Siliguri DH
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, Darjeeling 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: Construction of a new Plant Cum Manifold room for medical Gas pipeline Systems at 23 DHs/SDHs/SSHs ---Electrical Installation Work at Siliguri Dist Hospital.

Report: This estimate amounting to Rs 377502.00 only has been framed to meet up the probable cost of expenditure of the above named work.as per requirement of authority concerned the following fittings and fixtures In orporate in the estimate and submitted for consideration.

Sl No	Description of Work	Qty	Rate	Unit	Amount
1	Supply, Delivery & Installation of fabricated wall mounted & vermin proof panel board of suitable size of made of 2mm thick MS sheet reinforced with (40 x 40 x 6mm) flat / angle iron frame work with individual hinged door with locking arrangement for all compartment & providing suitable ventilation arrangement as per drawing and painting with 1(One) coat of R.O primer & 2(Two) coats of powder coated synthetic enamel paint by spray painting incl. interconnection with suitable size copper wire / strip between BBC to all main switches and other accessories incl. necessary glanding, socketing etc. as required and earthing by nut bolt in the body complete with base channel. The panel comprising with following switches,-	1	56143.05 55000.20	Item	56143.05 55000.20
	(a) S&F 415V 100Amps 415V, TPN SFU open execution in existing SS enclosure/cubical with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating.(L&T/ Siemence) [as INCOMER]				
	b) S&F 415V 125 Amps ON LOAD change over switch- 1 nos(L&T/ Siemence)				
	(c) S&F 415V 200Amps 4 pole with copper bus bar with 4 x 20 x 5 sqmm copper bar on heavy duty porcelain insulator with different colour of tapping				
	e) S&F 415V 63Amps FN type TPN, Din type HRC fuse-2 nos (L&T/ Siemence)				
	f) S&F of 230V 32A TPN Main Switch-2nos (L&T/ Siemence)				
	g) READING ARRANGEMENT				
	a) 0 - 500 v 4" dial Square type Volt meter (AC/DC) - 2 no				
	b) 0 - 100 A 4" dial Square type Ammeter (AC/DC) - 2 no				
	c) 100A/5A CT Coil (Kappa Make) - 6 nos				
	d) 4 step Ammeter/ Voltmeter selector switch -4 nos				
	e) LED type Indicating lamp (R Y B) - 6 nos				
	f) Sliding lock fuse for Ammeter - 6 nos				

2	Supplying and fixing 415 V, 16-32A per way, 4 way TPN MCBDB with SS enclosure double-door with IP-42/43 protection with 80A Four Pole Isolators as incomer and 18-nos 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 (Enclosure (607716), 63A FP Isolator, 12 no. SPMCB, Legrand	1	9783.01 7523.2	Each	9783.01 7523.2
3	S & Delivery of the following sizes 1.1 KV Gr. XLPE PVC Armoured Al Cable(as per the choice of EIC)				
	A) 4 core 35 Sqmm (for Service connetion.)	150	384.86	RM	57729.60
	c) 4 core 25 sq.mm [Main Switch to TPN]	30	384.13	RM	11523.90
	e) 2 Core 10 sq.mm [for Compound light]	120	151.92	RM	18230.40
4	a) Laying of one No. cable above 35 sqmm and upto 185 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 trench with shifted soil, leveling up and restoring surface duly rammed	150	192.6 182.2	RM	28890.00 27300.3
	Laying of cable as below, after cutting floor/pavement/wall/ and making holes incl., embedding the cable at an average depth as below and mending good the damages to original finish incl. removing the rubbish				
	b) 4 core 25 sqmm at an average depth of 75 mm in floor/pavement/wall etc.	150 30	138.03	RM	20704.5 4140.90
	c) 2 core 16 sqmm at an average depth of 75 mm in floor/pavement/wall etc.	30	138.03	RM	4140.9
	d) 2 core 10sqmm at an average depth of 75 mm in floor/pavement/wall etc.	120 20	138.03	RM	16563.6 9662.20
5	S & F compression type brass cable gland of the following sizes cables complete with brass gland, brass ring & rubber ring for dust & moisture proof entry of XLPE/PVC armoured cables & finishing the ends.				
	A) 4 core 35sq. mm.	2	185.11	Each	370.22
	b) 4 core 25 sq.mm	2	185.11	Each	370.22
	c) 2 core 10sqmm	12	129.47	each	1553.64
6	Finishing the end of following XLPE/PVC armoured cables by crimping method including the supply & fixing solderless socket (Dowels make), tapes anti corrosive paste & jointing material.				
	a) 4 core 35sqmm	2	206.51	Each	413.02

9090.32
10639.40

	b)4 core 25 sq.mm	2	133.75	Set	267.50
	c) 2 core 10sqmm	12	36.38	Set	436.56
7	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 light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick)flushed in wall incl. mending good damages to original finish 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average run 6 mtr	20	783.24 886.24	pts.	15664.8 17720.8
8	Supply and fixing Single powder coated CRCA LED Tube light fitting with 2 no of20W 4ft pf> 0.9 Lux level more than 100/ W LED tube having 2 year warranty (make - Philips)	10	2500	Each	25000.00
9	S&Fixing 240V 50 Hz 48" sweep (1200 mm) ceiling fan complete with downrod,Canopy, fork etc.(Make- Orient PSPO/ Usha	4	2100.00	Each	8400.00
10	Supply & Fixing Socket type fan regulator (Step type)(Brand approved by EIC) on existing sheet metal switch board with bakelite/ perspex top cover by screw incl. making necy. connections etc.	4	271.78	Each	1087.12
11	S & F 250 V 50 HZ 12" (30 cm) Sweep exhaust fan Make - EPC HEAVY DUTY	4	3530.00 3788.24	Each	14120.00 15152.96
12	S & F 80 mm dia 1.5 m long mini pole (TATA-M) including G.I. flange providing muffing (2'x2'x2') above ground level, neatly cemented finish (3 mmthick), at the base pole (in lieu of CC muffing) incl. drilled hole in pole suitable for alkathene /polythene pipe entry, for street light wiring, without Loop Box	6 4	3907.00	each	23442.00 15628.00
13	S & F header assembly made of 40 mm dia (BIS-M) G.I. pipe Single arm 1.5 mtr long as per Direction of E.I.C. fitted on Pole.	6 4	1400.00	set	8400.00 5600.00
14	Supplying and fixing 36 W LED Street Light with necy. Connection Cat No:BRP409 LED CW 036 MR FG S1 PSU GR Make: Phillips or equivalent product as per chioce of E.I.C	6 4	7728.00	Each	46368- 30912.00

15	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 & restoring surface duly rammed as below: For Murrom Soil :By ISI-Medium G.I. Pipe. incl. excavation of soil as required.	2	1900	each	3800.00
16	Connecting the equipments body to earth busbar including S&F 20 mm x 3 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.	40 2	103.79 182.00	each	4151.60 364.00
Total					377502.28
Say Rs.					377502.00

S. Das
12-7-17
Junior Engineer, PWD
Siliguri Electrical Section - I
Siliguri

A. K. Das
14/7/17
Assistant Engineer, P.W.D
Siliguri Electrical Sub-Division-I
Siliguri

Thanda
14/07/17
Executive Engineer
Darjeeling Electrical Division
P.W. Dept.

Rs. 3,08,192.20,

Adding 1% cess etc. : 3,081.92

Rs. 3,11,274.12

Adding Administrative

charges of W.B.M.S.C.L.

at 4% : 12,450.96

Rs. 3,23,725.08,

Say Rs. 3,23,725/-

checked:

Johny
29/7/17

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