

# 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- 755/4217

Date: 24/11/2017

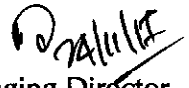
## ORDER

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 Katwa SDH, district Purba Bardhaman' at an estimated cost of Rs. 4,5,8777.00 (Rupees Four Lakh Fifty Eight Thousand Seven Hundred and Seventy Seven) only against fund allotment No: 1518(Sanction)/HF/P/P&B/MS/W-55/2017 Dated 23/11/2017

The details are as follows:

SI No	Schemes	Amount (Rs)
1	Electrical work relating to Construction of new plant cum manifold room for Medical Gas Pipe Line System(MGPS) at Katwa SDH, district Purba Bardhaman	4,47,587.00
2	Contingency @ 2.5%	11,190.00
Total		4,58,777.00

The work will be executed by the Executive Engineer, P.W.D, Bardhaman 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-755/4217/1(10)

Copy forwarded for information and necessary action to:

1. Joint Secretary, M.S. Branch, Dept. of Health & Family Welfare
2. CMOH, Purba Bardhaman
3. Superintendent, Katwa SDH
4. Superintending Engineer, PWD, Western 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, Bardhaman 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 at Katwa SD Hospital, Burwan  
**Electrical Installation work**

**Ref:-** memo no.-WBMSC/PROC/1887/17/1872 of the Managing Director & Secretary, Health & FW Department on dated 12/06/17

**Report:** This budgetary cost estimate has been framed to meet up the probable expenditure of the above mentioned work. As per drawing and requirement of authority mentioned under ref, following items viz. distribution wiring, fittings fixture, power plugs both single phase and three phase, for power distribution MCB type VTPN, SFU and one C/O for future provision of DG power incorporation etc have been considered in this estimate. As the power requirement for the said project is 33KW and there is no scope to provide this additional burden from the existing system of the Hospital, so charges for separate service connection of 45KVA from WBSEDCL has been incorporated within this estimate. Besides that fittings fixture, Ceiling fans, Exhaust fan, security lighting arrangement with allied EI work have been considered in this estimate. In the ref. drawing there is no provision of meter room as well as panel room. Yet it may be arranged at the end of 1500mm width corridor provided that the corridor should be covered with grill protection from security point of view and end wall corridor to be constructed up to ceiling height to protect the ingress of rain water. This civil work part is not being considered in this estimate. Thus the estimate has been framed for necessary administrative approval and financial sanction from the competent authority at the earliest.

Sl.No.	Description of Item	Qty.	Rate (Rs.)	Unit	Amount (Rs.)
1	Distn. wiring with 1.1KV grade single core stranded copper conductor PVC insulated and unsheathed copper wire (approved make) in 19mm/25mm dia 3 mm thick PVC Rigid pipe/Casing complete with all accessories socketing etc. embedded in wall (for different type Power plugs.) i) 2x2.5sq mm + 1x1.5sq mm (50mtr) ii) 2x 6sq mm + 1x2.5 sq mm (35mtrs) iii) 4x 10sq mm + 2x4 sq mm (20 mtrs)	1 item	30455.00	Item	30455.00
2	<u>S/E of different rated LT Cables:-</u> Supplying & laying of 1.1 KV. Gr. armored XLPE/A Al. LT cable of following rating from main switch to VTPN as reqd. complete with necessary gland and terminator as per GS. a) 4 core x 50sq.mm. (15 mtrs)	1 item	8100.00	Item	8100.00
3	<u>Installation of MCB type Distribution board &amp; SFU:-</u> Supply & installation of TPN 6 way MCB VTPN (1no.) embedding in wall for distribution of power & one 100A incoming SFU with one No on load C/O switch, three nos 100A porcelain fuse and neutral stud of same rating on wooden plank for receiving the WBSEDCL power.	1 item	48500.00	Item	48500.00
4	<u>Distribution Wiring:-</u> Distribution wiring 3 x 1.5 sq. mm. PVC insulated unsheathed FR type flexible cu. wire in rigid PVC conduit in wall / alkathene pipe embedded in wall incl. 3mm. thick MS switch board with Bakelite / Perspex top cover flushed in wall with piano key type switch and socket to light / fan / call bell plus point / exhaust fan point as per direction of EIC. (No. of point wiring 20 nos. approx)	1 item	<del>23000.00</del> 21000.00	Item	<del>23000.00</del> 21000.00
5	<u>Supply and fixing of Fan:-</u> Supplying and fixing of 230 V 50 Hz AC following type fans. i) 48" sweep ceiling fan. (4nos approx) iii) 12" Heavy duty Exhaust Fan. (4 nos approx)	1 item	23600.00	Item	23600.00

3

**Fitting Fixtures:-**

Supply & instn. of following lamp fittings compl. with cap:-

- i) Commercial twin fluo. lamp fittings ( Philips ) compl. with two nos. 28 w. TL-5 suspended from ceiling / fixed on wall for corridor and room.(8 nos approx)
- ii) Commercial single TL-5.(2 nos approx)
- iii) Bulkhead LED fittings(2 nos.)

1 item 18800.00 Item 18800.00

**Power Plug**

Supplying & fixing 250 V 3/6 Pin 5/15 A flush type plug socket with 15 A Piano key type (Anchor make) switch on sheet metal box with bakelite top cover and earthing attachment(4 nos.) incl. S&F Industrial plug socket both single phase(32A) and three phase(63A) with MCB as required.(2nos. & 1 no. approx)

1 item 18700.00 Item 18700.00

**Earth Installation:-**

Earthing the entire installation by reqd. size pipe electrode conforming to IS specification and making connection to diff. location with suitable size G.I. wire for L,T panel etc (2nos)

1 item 4000.00 Item 4000.00

**Compound Lighting arrangement :-**

Supply & installation of 230V CFL road lighting fittings (4 nos approx) fitted on pipe bracket on wall with CI loop box and for compound light controlling by automatic timer and contractor controlled from one position as required.

1 item ~~32000.00~~ 32000.00 Item ~~32000.00~~ 32000.00

- 10 Charges for Security deposite & service connection for 45KVA from WSEDCL(aprox)

1 item 240000.00 Item 240000.00

Total Rs. 447155/00

(+) Add Contingency @ 3%

Rs. 13414.65

Total

Rs. 460569.65

Cess @ 1%

Rs. 4605.70

**TOTAL ESTIMATED COST**

Rs. 465175.35

Say Rs. 465175.00

**(Rupees Four lac Sixty Five thousand One hundred Seventy Five) Only**

Rs. 4,93,155.00

*[Signature]*  
**Executive Engineer, PWD**

**Bardhaman Electrical Division.**

Adding 2% cess @ 1% - 9982.00

Rs. 4,97,687.00

Adding Administrative Charges of WBSEL

2% - 17903.00

Rs. 4,65,490.00

Checked:

*[Signature]*  
20/7/17

Consultant Eng. (Elect.)

West Bengal Medical Services Corporation Ltd.