

# 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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E-mail: info@wbmsc.gov.in | Website: www.wbmsc.gov.in

Memo No.: WBMSC/AAES- 763/4225

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 Bishnupur DH, district Bankura' at an estimated cost of Rs. 3,64,214.00 (Rupees Three Lakh Sixty Four Thousand Two Hundred and Fourteen) 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 Bishnupur DH, district Bankura	3,55,331.00
2	Contingency @ 2.5%	8,883.00
	Total	3,64,214.00

The work will be executed by the Executive Engineer, P.W.D Bankura 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.



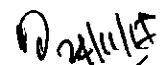
Managing Director

Date: 24/11/2017

Memo No: WBMSC/AAES-763/4225/1(10)

Copy forwarded for information and necessary action to:

1. Joint Secretary, M.S. Branch, Dept. of Health & Family Welfare
2. CMOH, Bishnupur Health District
3. Superintendent, Bishnupur DH
4. Superintending Engineer, PWD, South 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 Bankura 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

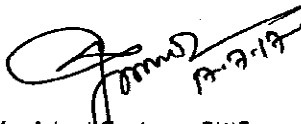
Name of the Work : PROPOSED CONSTRUCTION OF PLANT CUM GAS MANIFOLD  
ROOM FOR MEDICAL GAS PIPELINE SYSTEM AT BISHNUPUR  
DISTRICT HOSPITAL IN THE DIST. OF BANKURA DURING  
THE YEAR 2017-2018.

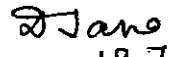
Report


This estimate has been framed to meet up the probable cost of expenditure of above noted work as per  
requisition of Hospital Authorities & Drawing supplied by the same authorities & Departmental Higher  
authorities, by following Current rated of schedule of P.W.D for building works, including up-to-date  
agenda & corrigenda & thus the estimated Cost Sta. ~~Rs. 1758954~~ including 3% as Contingency.

Rs. 18,08,520.00

(Rupees eighteen lakh eight thousand five hundred twenty only)

  
Sub-Assistant Engineer PWD  
Bishnupur West Section

  
19.7.17  
ASSISTANT ENGINEER,  
Bishnupur Sub-Div. PWD &  
Ex-Officio Assistant Engineer  
W.B.M.S.C.I

  
26/07/17  
Executive Engineer  
Bishnupur Division, P.W. Dto.  
Govt. of West Bengal  
26/07/17

PWD

GOVERNMENT OF WEST BENGAL  
Office of the Executive Engineer  
Bankura Electrical Division  
Public Works Directorate  
Kenduadihi PWD Campus near Bhirabsthan  
Bankura - 722102, Phone - (+91)-(03242) 241917  
e mail - eebelectpwd@wb.gov.in, eebedpwd@gmail.com



সত্যমেব জয়তে

পশ্চিমবঙ্গ সরকার

নির্বাহী বাস্তবকারের কার্যালয়  
বাঁকুড়া তড়িৎ তুষ্টি পূর্ত দপ্তর  
ভেরবন্দানের নিকটে কেন্দুয়াডিহি পূর্ত বিভাগ চকর  
বাঁকুড়া - ৭২২ ১০২ দুরভাষ - (+৯১)-(০৩২৪২) ২৪১৯১৭



Memo No:

Date:

To  
The Superintendent,  
Bishnupur District Hospital,  
Bankura.

Ref: Letter of MD & Secretary, Health &FW Department vide memo no- WBM5C/PROC/1887/17/1872  
date-12/06/2017

Sub: Forwarding of estimate for the work " Electrical Installation work at plant cum manifold room for  
Medical Gas pipeline system in Bishnupur District Hospital in the dist of Bankura." - Electrical Works  
amounting to Rs: 377210/- (Rupees: Three lakh seventy seven thousand two hundred ten only)

3,69,599/-  
Please find herewith two copy of estimate for the above mentioned work for administrative approval and  
allotment of fund either in form of G.O at the disposal of "Chief Engineer (Electrical-I) DDO-PW02039" or in  
form of Cheque or Draft in favour of "Executive Engineer, PWD, Bankura Electrical Division. DDO-  
BAAPWE001" For further course of action from his end please.

Encl: 1. Estimate -2 Sets

Executive Engineer, PWD  
Bankura Electrical Division,  
Govt. of West Bengal

Memo No: 1397

Date: 06-07-2017

Copy Forwarded for information and necessary action to:

1. The Assistant Engineer, Bishnupur Electrical Sub-Division, P.W.Dte.
2. The Junior Engineer, Bishnupur Electrical Section I, P.W.Dte.
3. Office Copy.

  
Executive Engineer, PWD  
Bankura Electrical Division,  
Govt. of West Bengal

**COST ESTIMATE**

Name of work : Electrical Installation work at plant cum manifold room for Medical Gas pipeline system in Bishnupur District Hospital in the dist of Bankura. Date :

Report : This estimate has been framed to meet up the probable cost of expenditure for the above work. The above works are necessary as per site condition and actual requirement and also regulation. The work has to be done as early as possible.

Ref no. Letter of MD & Secretary Health & FW Department vide memo no. WBMSC/PROC/1887/17/1872 date-12/06/2017

Sl No.	Description of work	Qty.	Rate ₹	Unit	Amount ₹
1	Supplying and fixing double door vertical TPN MCCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall as per GS ( Make - Legrand )		13190.00		13190.00
1.1	8 Way ( Up to 160 A ) [15/D-11]	1	3264.00	nos	3264.00
2	Supplying and fixing 415V, TPN on load front operated Changeover switch with Sheet Steel enclosure on angle iron frame on wall with nuts (LIT)		13032.00		0.00
2.1	200A [3(a)/D-2]	1	12411.00	nos	12411.00
3	Supplying and fixing 415V, TPN SFU with sheet steel enclosure on angle iron frame on wall as per GS ( Make - Simens )		15291.00		0.00
3.1	200A [4(a)/D-3]	1	1515.00	nos	1515.00
4	Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25KA/35KA in existing Vertical DBs including necessary connection as per GS [ Make - Legrand ]				0.00
4.1	125 A FP [10/ D-8]	1	10088.00	nos	10088.00
5	Supplying and fixing 240/415 V MCB of Breaking capacity 10KA & C characteristics on din rail of existing DBs and necessary connections as per GS [ Make - Legrand ]				0.00
5.1	6-32 A SP	22	237.00	nos	5214.00
5.2	40 A DP	1	1173.00	nos	1173.00
5.3	32 A TP [7/D-6]	4	116.00	nos	464.00
6	S&F 250V, 6-10A per way, (2+12) SPNMCBDB as per G.S. (Legrand make/607712)	1	2180.00	nos	2180.00
7	S&L 4 core 1.1 KV 50 sqmm XLPE PVC/A CABLE in U/G trench as per G.S ( d/g panel to VTPN )	330	634.00	mtrs	209220.00
8	S&L 2 core 10 sqmm PVC/A cable concealed in wall with 2*10 SWG GI wire as per G.S	30	268.00	mtrs	8040.00
9	S&F compression type gland complete with brass gland, brass ring and rubber ring for dust and moisture proof entry of XLPE/PVC armoured cables as below				0.00
a	2 Core 10 Sq mm	2	127.00	sets	254.00
b	4 Core 50 Sq mm	6	222.00	sets	1332.00
10	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (dowels make), tapes, anticorrosive paste and joining		182.00		0.00
a	2 Core 10 Sq mm	2	39.00	sets	78.00
b	4 Core 50 Sq mm	6	233.00	sets	1398.00
11	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) partly in 20mm size PVC rigid conduit 'FR' (Precision make) [for ceiling portion only] and in 19mm bore, 3mm thick polythene pipe [for horizontal & vertical run embedded in wall], 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 Modular type switch (Brand approved by EIC) fixed on Modular GI switch board complete with 2 no. suitable size 'Ph & N' copper bar with top cover plate making earthing attachment fixed on wall incl. mending good damages to original finish. [only PVC Rigid Conduit on ceiling and remaining portion concealed] Vide Page No. E-25 Item No. 4		203.00		0.00
11.1	(a) Average run 10 mtr	18	1390.00	pts	24920.00
			1352.00		24336.00

	insulated & unsheathed copper wire (Brand approved by EIC) 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 6A 3 pin <b>Modular type plug socket &amp; switch</b> (Brand approved by EIC) on 4 Module GI switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works. Vide Page No. E-24 Item No. 3				0.00
12.1	b) On Board	2	261.00	pts	522.00
13	Fixing only single/twin florescent light fitting complete with all accessories Directly on wall/ceiling as per GS. [14(d)/C-2]	10	<del>183.00</del> 182.00	nos	<del>1830.00</del> 1820.00
14	Supply of 4 Ft. single/twin LED light fitting for indoor application, complete with all accessories & LED tubes having following Model / Cat No. (Make - Philips)				0.00
14.1	a. TMC 501 P 1xT-LED 22W P3241 (4x LED 1x18W lamp)	2	<del>1600.00</del> 1531.00	nos	<del>3200.00</del> 3062.00
14.2	a. TMC 501 P 2xT-LED 22W P3241 (LED 2x18W lamp)	8	<del>2400.00</del> 2190.00	nos	<del>19200.00</del> 17520.00
15	Supply & Fixing GI sheet (20SWG) metal Cowl with MS flat iron frame & GI wire mesh on wall as per GS	4	<del>667.00</del> 660.00	nos	<del>2668.00</del> 2640.00
15.1	(12") [33/D-14]	4	<del>270.00</del>	nos	<del>1080.00</del>
16	Supply only 250V, 1400/mm sweep A.C ceiling. fan (make Crompton/Orient PSPO)	4	1907.00	nos	7628.00
17	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. as per G.S. Vide Page No. E-18, Item No.-10	4	478.00	nos	1912.00
18	Extra for suspension exceeding 25 cm with S&F additional 2 no. 20 mm dia EI conduit (14 SWG) supports & necy. PVC insulated wire and painting etc. as required by				0.00
19	a) Extra for suspension exceeding 25 cm as per PWD Schedule Vide Page No. C-2 Item no 16	12	191.00	mtrs	2292.00
20	S&F of 250 V. 12" sweep A.C. Exhaust fan incl. louver shutter etc. after cutting wall and manding good the damages by sand cement plastering as per G.S. (E.P.C./Orient make).	4	3207.00	nos	12828.00
21	Earthing the installation by 2" dia G.I. (M) pipe as per G.S. in morrum soil.	2	1575.00	nos	3150.00
22	Extra charges for hard / stone cutting charges for better earthing.	2	300.00	cu mtr	600.00
23	S&L 4 SWG G.I wire for continuous Earthing.	60	21.00	mtrs	1260.00
			TOTAL		36622.00
				(+)	10986.60
	add. contigency @3%		TOTAL	₹	377209.60
			Say Rs/-	₹	377210.00

*Abanayee*  
07/17  
Junior Engineer, PWDte  
Bishnupur Electrical section  
Govt of West Bengal

*M33*  
06/17  
Assistant Engineer, PWDte  
Bishnupur Electrical Sub-Division  
Govt of West Bengal

*Datta*  
06/02/17  
Executive Engineer, PWD  
Bankura Electrical Division  
Govt. of West Bengal

Adding 2/10  
cess 2%.

₹ 3,51,813.00  
₹ 3518.00  
₹ 3,55,331.00

Checked:

*Shah*  
19/7/17.

Consultant Eng. (Elect.)

West Bengal Medical Services Corporation Ltd.

Adding Adminis-  
trative charges  
of WBMSEL 2% = 19,213.00  
₹ 3,69,544.00