

Memo No: - DHFWS/ 1504/22

Dated: - 17/06/2022

NOTICE INVITING TENDER NO: - DHFWS/CW-15 OF 2022-23


The Chief Medical Officer of Health & Secretary under District Health & Family Welfare Samity, Jalpaiguri invites bids in two bid systems (Technical and Financial Bid) for **"Implementation of PHC Site preparation activity under Diagnostic Infrastructure to PHCs-Non Recurring under XV FC-Health Grants for FY 2021-2022"**. For details, interested bidders may please visit notice board of the undersigned or website: www.wbhealth.gov.in , www.jalpaigurihealth.com . The sealed Tender (Technical and Financial Bid) has to be submitted in the drop box earmarked for this purpose. A separate envelope for financial bid should be used & to be put as inside the large envelope along with all documents mentioned in above. Name of the work and NIT no., Memo. no., date etc. should be subscribe on the sealed cover of the NIT.

Sl no.	Name of the work	Type of Work	Tender amount (INR)	Earnest money (INR)	Time of completion of work
1	Model Estimate for internal electrical works for site preparation at Moulani PHC under Mal block, Jalpaiguri.	Electrical Work	249275 /-	4986 /-	20 days

The authority reserves the right to reject or cancel any tender at any time without assigning any reason thereof.

During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be out rightly rejected without any prejudice.

The Tender Selection Committee reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.


CMOH & Secretary
DH & FW Samiti, Jalpaiguri



Copy forwarded for information and wide circulation to:-

1. The Sabhadhipati, Jalpaiguri Zilla Parishad, Jalpaiguri.
2. The District Magistrate, Jalpaiguri.
3. The Dy.CMOH-I/II/III, Jalpaiguri.
4. The Superintendent of Police, Jalpaiguri.
5. The Post Master, Jalpaiguri Head Post Office, Jalpaiguri.
6. The DPHNO, Jalpaiguri.
7. The DTO, Jalpaiguri.
8. The ACMOH, Sadar /Mal Sub Division , Jalpaiguri.
9. The AO & Tresurers, CMOH Office, Jalpaiguri.
10. The BMOH, Mal block, Jalpaiguri.
11. The AE / BME / DPM/ DAM/ SAE (Civil / Electrical), NHM, DPMU, Jalpaiguri.
12. The Notice Board of CMOH Office, Jalpaiguri.
13. The IT Cell, Swasthya Bhavan, Kol-91 with a request to upload the NIT at their Departmental Website.
14. The DSM, NHM, Jalpaiguri with the direction to publish to www.jalpaigurihealth.com, www.wbhealth.gov.in


CMOH & Secretary
DH & FW Samiti, Jalpaiguri

1. General Instructions:

Interested bidder may download the tender documents free of cost from the website: www.jalpaigurihealth.com directly or collecting the same from the office of the undersigned. Earnest money should be deposited by demand draft in favour of "The CMOH, Jalpaiguri". payable at Jalpaiguri and also to be submitted along with tender documents.

2. Submission of bids:

Both Technical bid and Financial Bid are to be submitted .All papers must be submitted in the drop box earmarked for this purpose. A separate envelope for financial bid should be used & to be put as inside the large envelope along with all documents mentioned in above.

3. Time Schedules for the tender

THE TIME SCHEDULE FOR THE TENDER WILL BE AS PER THE LIST PROVIDED BELOW.

4. ELIGIBILITY FOR QUOTING:

Any bonafide bidder having essential qualifications as mentioned in this tender document could be eligible for submission of bid for the tender. The price is to be quoted in Indian Rupees only including all taxes, GST, Labour Welfare cess etc as per Govt. norms. The work should be done as per specified item and drawing which are mentioned in the BOQ. The total liabilities of contractors from this end will be closed after receiving of final bill. The work area should be totally cleaned after completion of work and all contingencies should be removed before submission of final bill. The agencies who have been delisted or debarred by any Government Department shall not be eligible in any way of this NIT.

Any other law or act or rule as may be in force and made applicable to the workmen / supervisor / or other persons as may be deployed by the contractor for planning out the assign job involving use of skilled / semi-skilled / unskilled workers.

****Payment for the work will be made on availability of fund****

5. SUBMISSION OF THE TENDERS :

The tender is to be submitted in a two Bid System.

[A] Technical Bid:

(a) . Statutory Cover containing the following documents:

BID A:

The Bidder has to be submitted the duly signed NIT, Documentary Proof in support of deposited Earnest Money (EMD) should be enclosed with the NIT. No exemption regarding submission of Earnest Money deposit (EMD) will be entertained for this NIT as per order 3975-F(Y), date- 28th July, 2016 and 441-F(Y), 27th January, 2020 of the Audit Branch, Finance Department, Govt. of West Bengal. :-

Sl No	Category	Sub Category	Sub Category Description
A	Certificates	A1 Certificates	PAN card of the authorized signatory.
			Up to date Professional Tax Registration Certificate & challan .
			GST Registration Certificate
			Trade License upto date
			Valid Electrical Contractors' License
			Valid Electrical Supervisory Certificate of Competency/National Supervisory Certificate of Competency- Part-1, 2,3, 4, 6A, 7A, 10, 11.
B	Company Details	B1 Company Details	Registration with Registrar of Companies (if applicable)
			Partnership Deed in case of Partnership Firm (if applicable)
			Power of Attorney (if applicable)
C	Credential	C1: Credential 1 Details	i) For first call of NIT : Intending tenders should produce credential Similar nature of work or any type of electrical work having done at least of 40% of estimated amount put to tender during 5 (Five) years prior to the date of issue of this tender notice
			or ii) Intending tenderes should produce credential of 02 (two) Similar nature of work or any type of electrical work, each of the minimum value of 30% of the estimated amount put to tender during 5 (Five) years prior to the date of issue of this tender notice.
			or iii) Intending tenderes should produce credential of one single running of work of Similar nature of work or any type of electrical work which has been completed to the extent of 80% or more and value of which is not less than the desired value (i) above. The above matter is taken from the order no. 03-A/PW/O/10C-02/14, dated: 12.03.2015 of Accounts Branch, Public Works Department, Govt. of West Bengal, Nabanna, Howrah-711102
D	FINANCIAL INFO	D1: Income Tax Return	Income tax Return to be submitted for the year (Assessment year 2021-22).

2. COVER "B" :

[B] FINANCIAL BID "B" :

(i) BOQ for INR.

The folder as "Financial Bid" shall contain base price in Indian Rupee including all charges.

6. Evaluation of the tenders

During the tender evaluation process, the "Bid A" (technical bid) will be opened first. Those Tenderer who have qualified the essential & other requirements will be identified and only their "Bid B" (financial bid) i.e. Financial bid will be opened. The "Bid B" of those Tenderer failing to meet the technical & other requirements of participating in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as being as per the tender specifications will only be selected.

The Tenderer who have been so identified to have been technically suitable in the context of above will be deemed to have passed the test of essential and other requirement of the quoted item or items.

The "Bid B" (Financial Bids) of only these tenderers passing the essential and other requirement test will be opened.

If found suitable in the context of above prequalification etc., the Tenderer quoting the lowest rate will be considered as successful.

7. Cost of Earnest Money :

All bidders has to be submitted Earnest Money Deposit (EMD) by Demand Draft (DD) in favour of the "The CMOH, Jalpaiguri, Payable at Jalpaiguri". along with the NIT. Documentary Proof in support of deposited Earnest Money (EMD) should be enclosed with the NIT. No exemption regarding submission of Earnest Money deposit (EMD) will not be entertained for this NIT as per order 3975-F(Y), date- 28th July, 2016 and 441-F(Y), 27th January, 2020 of the Audit Branch, Finance Department, Govt. of West Bengal..

The earnest money of the Tenderer will liable to be forfeited if the Tenderer withdraws his tender as a whole or for any particular item or items at any stage after the opening of the tender, or fails / refuses to enter into written agreement for any of all of the items of his accepted tender within the time specified when requested to do so/fails to furnish Security Deposit within the stipulated time.

The Earnest Money will be refunded after finalization of the tender or within 3 (three) months from the date of opening of tender whichever is later against the specific prayer of Tenderer. Also follow the 3975-F(Y), date- 28th July, 2016 and 441-F(Y), 27th January, 2020 of the Audit Branch, Finance Department, Govt. of West Bengal.

8. RATE:

The price is to be quoted in percentage rate of tender amount in Indian Rupees only including all charges example all taxes, GST and Labour welfare cess as per Govt. rules in the BOQ format which is attached in this NIT.

9. ORDER:

Work Orders for the said works will be placed with the successful tenderers after the execution of the agreements by 2911, 2911(i), 2911 (ii) format. The successful tenderer will have to complete the work within the specified time schedule that had been assured at the time of selection as successful bidder

10. WITHDRAWAL / CANCELLATION & PURCHASE POLICY OF TENDERING AUTHORITY:

The tendering authority reserves the right to withdraw any item from the tender at any stage. The selection of such item, if already made in favour of any Tenderer, shall be treated as cancelled.

The tendering authority reserves the right to reject or accept any tender or part thereof at any stage or to split any tender without assigning any reason. Withdrawal of tender or any revision after submission of tender by the Tenderer will not be allowed.

The tendering authority reserves the right to accept or reject any tender, in part or in full, without assigning any reason.

11. PENALTY CLAUSES-

PENALTY FOR FORMATION OF CARTEL OR FURNISHING OF FRAUDULENT/ MISLEADING DOCUMENTS: If during the tender process or at any state during the validity of the tender period, it is found that a Tenderer(s) has formed a cartel in what so ever form or name to fix up the rates or bidders to the detriment of the fairness of the tender process, penal measures shall be initiated. Similar penal measures shall also be initiated against those tenderers who have submitted false/ misleading/ fraudulent documents or made incorrect declarations. The penal measure will be Forfeiture of Earnest Money, Forfeiture of Security Deposit if enlisted as a successful bidder.

12. APPEAL:

Appeal against the decision of the CMOH & Secretary, District Health & Family Welfare Samiti, Jalpaiguri and to impose such a penalty will lie with Tender Selection Committee. Review against the decision of the T.S.C. will lie with Health & F.W. Deptt of the Govt. of West Bengal.

13. AGREEMENT:

On a tender being accepted, intimation of acceptance will be forwarded to the Tenderer by CMOH & Secretary, District Health & Family Welfare Samiti, Jalpaiguri. After communication of the same, the Tenderer will have to execute agreement in the 2911/2911(i)/2911 (ii) format with the CMOH & Secretary, District Health & Family Welfare Samiti, Jalpaiguri.

14. SECURITY DEPOSIT & Labour Cess Deduction & Defect liability period :

The Security Deposit will be mandatory for all bidders and will not be waived in any case.

Security deposit @10% will be deducted from the bill . Labour welfare cess @ 1 % will be deducted from the bill & others deduction may applicable as per govt. norms.

As per G.O. No. 4608-F(Y) dated.18th July,2018 of the Additional Chief Secretary to the Govt. of West Bengal, Finance Department, Audit Branch, Additional Performance Security @ 10% of the tendered amount shall be obtained from the successful bidder if the accepted bid value is 80% or less of the Estimate put to tender.

******The defect liability period for this work is 01(one) year.*****

15. PAYMENT TERMS:

Payment will be made through e payment system through ECS/RECS/RTGS after execution of the work subject to:

On being selected, the successful vendors will have to submit one application to the Chief Medical Officer of Health, Jalpaiguri, stating name of the payee/ recipient, Bank account no with MICR code, IFSC of the payee/ recipient for making e payment. No manual payment is allowed to be made as far as practicable.

16. Date & Time Information: -

Sl. No.	Particulars	Date & Time
1	Date of publishing of N.I.T.	20/06/2022, 01 pm
2	Date & Time limit for receipt of Tender documents:	20/06/2022 to 28/06/2022 , 1 PM
3	Bid submission start date	20/06/2022
4	Bid submission closing date	28/06/2022, 3 pm
7	Bid opening date for Technical Proposals	28/06/2022, 3.30 pm
8	Date of list for Technically Qualified Bidders	To be notified later
9	Date of opening of Financial Proposal	To be notified later
10	Date of list of finally selected bidder/bidders	To be notified later

CHIEF MEDICAL OFFICER OF HEALTH, JALPAIGURI RESERVES THE RIGHT TO CHANGE THE ABOVE SCHEDULE IN CASE OF ANY EXIGENCIES AFTER PUTTING UP A NOTICE IN THE DEPARTMENTAL WEBSITE AND CMOH OFFICE, JALPAIGURI.


CMOH & Secretary
DH & FW Samiti, Jalpaiguri



CHECK LIST FOR THE BIDDERS: -

Sl No	Items	Please put Tick Mark	
		Yes	No
1	Tender Application .	Yes	No
2	EMD	Yes	No
3	Credential	Yes	No
4	Trade License Upto date	Yes	No
5	GST Registration Certificate Upto date	Yes	No
6	Professional Tax Registration Certificate & challan. Upto date	Yes	No
7	Pan Card	Yes	No
8	I.T Clearance Certificate (Assessment year 2021-2022)	Yes	No
9	Partnership Deed (if applicable)	Yes	No
10	Registration proof in case of firms with registrar of companies (if applicable)	Yes	No
11	Power of Attorney (if applicable)	Yes	No
12	Electrical Contractors' License	Yes	No
13	Electrical Supervisory Certificate of Competency/National Supervisory Certificate of Competency- Part-1, 2,3,4,6A, 7A, 10,11,	Yes	No

Signature of the bidder with date & seal

N.B. It is the responsibility of bidder to go through the tender document to ensure furnishing of all required documents in addition to above, if any.

ANNEXURE _I
APPLICATION FORMAT
(To be furnished in the Company's official letter pad with full address and contact no. etc)

To
The CMOH & Secretary
DH & FW Samiti
Jalpaiguri

Ref: NOTICE INVITING TENDER NO: - DHFWS/CW-15 OF 2022-23

Memo no : DHFWS/

Date:

Sub: Tender for : Model Estimate for internal electrical works for site preparation at Moulani PHC under Mal block, Jalpaiguri.

Sir,

I/We have thoroughly read all the terms and conditions of this tender guideline and is ready to execute the said work/works in accordance with that.

I/We further understand that you are not bound to accept the lowest or any bid you may receive against your above-referred tender enquiry.

I/We also understand that the tender selection committee reserves right to accept or reject any bid without assigning any reason thereof.

I/We confirm that we do not stand deregistered/banned/backlisted by any Government Authorities/Organization/Institution etc.

I/We have inspected the site of the work and have made me/us fully acquainted with the local conditions and around the site of the works.

I/We shall be bound by conditions laid down in the Notice Inviting Tenders, special terms and conditions and specifications, specified scheduled and also the I.S.I Code of practice.

I/We shall also uniformly maintain such progress with the work, as may be directed by the Engineer-In-Charge of the work to ensure completion of the same within the stipulated date.

Brief of court/legal pending, if any, are following:

We would authorize and request any Bank, Person, Firm or Corporation to furnish pertinent information as deemed necessary and/ or as requested by you to verify this statement.

Bidder to be filled:-

Full address:

Valid E-mail id:-

Valid contact no.:-

Signature of the bidder/authorized representative
with Seal & Date

Government of West Bengal
Office of the Chief Medical Officer of Health,
(District Health & Family Welfare Samiti)
Jalpaiguri

Bill of Quantity (BOQ)

NIT No:- DHFWS/CW-15 OF 2022-23					
Name of work: Model Estimate for internal electrical works for site preparation at Moulani PHC under Mal block, Jalpaiguri.					
Name of Bidder/Bidding Firm/Company :-					
SL NO	Name of work	Unit	Qty	Rate (INR)	Amount (INR)
1	Model Estimate for internal electrical works for site preparation at Moulani PHC under Mal block, Jalpaiguri.	1	item	249275.00	249275.00
Quoted rate in Figures (In %)		Less			
		Above			
		At Per			
Quoted rate in words (In %)					

Date:
Place:

Signature of bidder

Schedule of Work

MODEL ESTIMATE FOR INTERNAL ELECTRICAL WORKS FOR SITE PREPARATION OF PRIMARY HEALTH CENTER UNDER JALPAIGURI DISTRICT.

S.N O	Reference : PWD Schedule, April - 2017	DESCRIPTION OF ITEMS	QTY	UNIT	PWD RATE Schedule, April - 2017	NS RATE	AMOUNT PWD Schedule	AMOUNT NS
		Note :						
	1)	The continuous phase & neutral and ECC of all case, must run directly from one panel / DB to another panel / DB, DB to SB, one SB to another SB for looping, DB to Plug Point, SB to any electrical fixture / outlet etc. without any joint at any intermediate point.						
	2)	Earth wire (as required) may be done by looping system. But the loop can be made at the point where two or more different load end meet & it should be at any load-end / SB / JB / PB etc. from where it can be disconnect / reconnect / maintain in future easily. No loop is to be consider in a single route of earth wire.						
	3)	The wire colour through out the whole wiring system, must be maintained as red, yellow & blue for respective three phases, black for neutral & green for earthing.						
	4)	The UPS Switch Boards must be colour coded for identification of points under UPS i.e. Black colour switches and sockets must be installed for points under UPS.						
		SUB-HEAD I: INTERNAL WIRING						
		All wiring item including provision of conduit, conduit accsories , circuit wiring, switch, box and all fitting completed as required.						
1.00		INTERNAL WIRING						
1.01	Page No. E-14 Item No. 1. Sub. Item No. (a).	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.						
	Sub. Item No. (i)	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC. (6A Long plug)	92	RM	102.00		9,384.00	
	Sub. Item No. (ii)	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (Power plug)	99	RM	119.00		11,781.00	
	Sub. Item No. (iii)	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (UPS / Multi socket board)	45	RM	149.00		6,705.00	
	Sub. Item No. (iv)	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (Main Line SPNDB)	20	RM	193.00		3,860.00	
1.02	Page No. F-5 Item No. 9.	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.						
	(i).	2.5 sqmm	10	Set	6.00		60.00	
	(ii).	4 sqmm	22	Set	7.00		154.00	
	(iii).	6 sqmm	4	Set	9.00		36.00	
2.00		SWITCH BOARDS						
2.01	Page No. E-6 Item No. 21.	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Piano key type switch (Brand approved by EIC) 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. [Separate 6A Plug Point]	9	Each	204.00		1,836.00	
2.02	Page No. E-6 Item No. 22.	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) 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. [Separate 20A Plug Point]	9	Each	287.00		2,583.00	
2.03	Page No. E-7 Item No. 24.	Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Piano key type switch, indicator & 16A switch type SP MCB (Brand approved by EIC) 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 [CPU Board]	3	Each	669.00		2,007.00	
2.04	Page No. E-7 Item No. 28.	Supply & Fixing 240 V, 2 nos. 6A, & 2 nos. 20A plug socket with separate 2 nos. 6 A & 2 nos. 20A Piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) 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 [Power Board]	3	Point	822.00		2,466.00	
2.05	Page No. E-19 Item No. 16.	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket with 20/25A Modular switch (Brand approved by EIC) type SP MCB (C-Curve) and 4 Module GI Modular type switch board with 4 Module 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. [UPS Board]	2	Each	535.00		1,070.00	
2.06	Page No. E-17 Item No. 5. (b).	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug top with indicator (Brand approved by EIC) & necy. Connections. [UPS Board]	2	Each	129.00		258.00	
3.00		DISTRIBUTION BOARDS & MAIN SWITCH						
3.01	Non-PWD Schedule	Supply of 12 mm thick wooden ply board of size 3 ftx2 ft and fixing the same in wall by necessary nuts, bolts etc. Incl. Supply and fixing of 3 nos. 100A, 415V, Porcelain Fuse carried and base (Havells make, cat no: IHKRN4100) and neutral bar at wooden board.	1			2,233.00		2,233.00
3.02	Page No. D-3 Item No. 4 (a).	Supplying and fixing Sheet steel Main Switches on angle iron frame on wall Make - L&T or equivalent make of Anchor / Havells / HPL						
		125A 415V TPN SFU (Main line - I/C)	1	Each	7,415.00		7,415.00	
		63 A 415 V TPN SFU (for o/g of Busbar- 2 nos. For DG and 1 nos. For existing line)	3	Each	4,132.00		12,396.00	
3.03	Page No. D-2 Item No. 3.	Supplying and fixing 415V, TPN on load front operated Changeover switch with Sheet Steel enclosure on angle iron frame on wall with nuts bolts etc Make - L&T or equivalent make of Havells / HPL						
		125A TPN	1	Each	8,568.00		8,568.00	
3.04	Page No. D-13 Item No. 19. (b).	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)						
		415 V, 125 A, 4 bar Copper Bar	1.5	Mtr.	2,648.00		3,972.00	
3.05	Page No. D-11 Item No. 15.	VTPN D.B Supplying and fixing double door Vertical TPN MCB Distribution board 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, upto 160 A. (Make - ABB or equivalent make of Legrand / Havells / Siemens). 6 way Enclosure (MNCB)	1	Each	7,717.00		7,717.00	

3.06	Page No. D-10 Item No. 14.	Supplying and fixing double door Horizontal TPN 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 - ABB or equivalent make of Legrand / Havells / Siemens).						
		4 way Enclosure (PDB 1)	2	Each	2,292.00		4,584.00	
3.07	Page No. D-9 Item No. 13.	SPN D.B Supplying and fixing double-door 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- Havells or equivalent make of ABB / Legrand / Siemens).						
	(i).	2+4 way Enclosure (MECB)	1	Each	935.00		935.00	
	(ii).	2+12 way Enclosure (EDB 1)	1	Each	1,436.00		1,436.00	
	(iii).	2+12 way Enclosure (LDB 1)	1	Each	1,436.00		1,436.00	
3.08	Page No. D-9 Item No. 11.	Supplying and fixing 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						
		2 Way (For UPS)	2	Each	270.00		540.00	
3.09	Page No. D-12 Item No. 16.	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for TPN DB horizontal / vertical enclosure with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish with nuts bolts etc incl. provision for earthing attachment						
		4 / 6 Way Horizontal	2	Each	682.00		1,364.00	
		6 Way Vertical	2	Each	1,072.00		2,144.00	
3.10	Page No. D-9 Item No. 10.	MCCB Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection. VTPN dedicated for 25 KVA DG set.						
		63 A (Make-ABB or equivalent make of Legrand/Siemens/Havells) [VTPN I/C]	1	Each	3,086.00		3,086.00	
		Spreader link	2	set		555.00		1,110.00
3.11	Page No. D-67 Item No. 7.8	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection (ABB / Legrand / Havells / Siemens / L&T).						
	(i).	Single Pole 6-32A MCB	50	Each	168.00		8,400.00	
	(ii).	Double Pole 6-32 A MCB (3 nos. For SPNDB and 2 nos. For UPS I/c & O/g)	5	Each	478.00		2,390.00	
	(iii).	Triple Pole 63A MCB [VTPN I/C]	6	Each	1,150.00		6,900.00	
	(iv).	4 pole 63A MCB [PDB I/C]	2	Each	1,476.00		2,952.00	
4.00		CABLE MAIN, LAYING AND FINISHING OF CABLE						
		Laying on Wall / surface with Saddles / clamps						
4.01	Page no: F-1, Item no: 2 (b)	Laying of cable upto 3/4 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. For 2 nos. HTPN.	40	RM	60.00		2400.00	
4.02	Page No. F-1 Item No. 2. (c)	Laying of cable from 3/3 1/2 core 35 sqmm to 50 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. For Main line and DG AMF Panel.	55	RM	71.00		3,905.00	
		Laying through Underground Trench						
4.03	Page No. F-2 Item No. 1. (a).	Laying of one No. cable upto 35 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. For DG AMF Panel.	40	RM	162.00		6,480.00	
		CABLE TERMINATION						
4.04	Page No. F-4 Item No. 7.	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below:						
	Sub. Item No. (c)	For 4 core upto 50 sqmm	3	Set	197.00		591.00	
	Sub. Item No. (c)	For 4 core upto 35 sqmm	5	Set	162.00		810.00	
	Sub. Item No. (c)	For 4 core upto 25 sqmm	4	set	162.00		648.00	
4.04	Page No. F-5 Item No. 8.	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials						
	Sub. Item No. (xvi)	4 core 50 sqmm cable	3	Set	209.00		627.00	
	Sub. Item No. (xv)	4 core 35 sqmm cable	5	Set	158.00		790.00	
	Sub. Item No. (xiii)	4 core 25 sqmm cable	4	Set	115.00		460.00	
4.05	Page No. F-6 Item No. 11. (e).	Supplying & fixing medium gauge GI Pipe (ISI-Medium) Protection with necessary fittings and jointing materials as required						
		50 mm dia ISI	3	Mtr.	330.00		990.00	
		SUPPLY OF CABLE						
4.06	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-50 sqmm 4 core	15	RM		612.00		9,180.00
4.07	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-35 sqmm 4 core	80	RM		460.00		36,840.00
4.08	Analysed Rate	Supplying of 1.1 KV. Grade XLPE insulated aluminium armoured conductor of following make: KEI/Polycab/Gloster/Havells-25 sqmm 4 core	40	RM		317.00		12,680.00
5.00		EARTHING:						
5.01	Page No. G-1 Item No. 2.	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:						
	Sub. Item No. (a)	By ISI Medium GI pipe [D.G. Body:2, D.G. Neutral: 2, VTPN DB:1 UPS: 1]	6	Set	1,369.00		8,214.00	
5.02	Page No. G-2 Item No. 4. Sub. Item No. (a)	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.	3	mtr.	156.00		468.00	
5.03	Page No. G-3 Item No. 5. Sub. Item No. (c)	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.	30	mtr.	92.00		2,760.00	
5.04	Page No. G-2 Item No. 5.	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 ties etc. as required and mending good damages						

Sub. Item No. : (ii)	No. 6 SWG	29	mlr.	13.00	377.00	
NS TOTAL:- Rs.						
PWD TOTAL:- Rs.						
TOTAL PWD+NS					1,47,955.00	62,051.00
A. SUB TOTAL : (SCHEDULED)					2,10,006.00	
B. TOTAL AMOUNT (NON-PWD-SCHEDULED)						
C. TOTAL AMOUNT : (C=A+B)						1,47,955.00
D. Add District Charge 7% (On Scheduled Items) [D=A*0.07]						62,051.00
E. Amount with District Charge (On Scheduled Items) [E=A+D]						2,10,006.00
F. TOTAL ESTIMATED AMOUNT : (F=B+E)						10,356.85
G. Add GST 12% (G=F*0.12)						1,58,311.85
H. Total Amount with 12% GST [H=F+G]						2,20,362.85
I. Add L.C. @1% (I=H*0.01)						26,443.54
Total amount Rs.						2,46,806.39
						2,468.06
						2,49,274.46