

	HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED (A State Govt. undertaking) Registered office Vidyut Bhawan, HPSEBL, Shimla-171004 (H.P.) Number (CIN) U40109HP2009SGC031255 GST No. HPSEBL 02 AACCH4894EHZB Telephone Number 0177-2801265 (Office), 2801265(Fax) Website address www.hpseb.com Email cemm.hpsebl@gmail.com
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Ref. No.: - HPSEBL/CE (MM)/e-procurement & SBD- 14080-14115

Dated: 15/05/2022

To

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| 1. The Managing Director ,
UHL -III , BVPCL, Jogindernagar | 2. The Chief Engineer (Op) South,
HPSEBL, Shimla. |
| 3. The Chief Engineer (Op) Central
Zone, HPSEBL, Mandi | 4. The Chief Engineer (Op)North ,
HPSEBL, Dharamashala |
| 5. The Chief Engineer (Generation),
HPSEBL, Sunder Nagar. | 6. The Chief Engineer (P&M),
HPSEBL, Shimla. |
| 7. The Chief Engineer (Electrical
System), HPSEBL, Hamirpur. | 8. The Chief Engineer (SO),
HPSEBL, Shimla. |
| 9. The Chief Engineer (Commercial),
HPSEBL, Shimla. | 10. The Chief Engineer (System
Planning), HPSEBL, Shimla. |
| 11. The Chief Engineer (Project-cum-
Arbitrator), Shimla. | |

Subject:- Amendments in Standard Biding Document (SBD) to be followed for turnkey works in HPSEBL.

Ref:- This office letter No. HPSEBL/CE (MM)/e-procurement/NIC -6573-6608 dated 04.10.2021.

Dear Sir(s),

Consequent upon the approval of competent authority following amendments are hereby made in Standard Biding Document (SBD) :-

AMENDMENTS IN THE STANDARD BIDDING DOCUMENT

Amendments in the Standard Bidding Document	
Existing provision	Amended Provision
Clause No.20A. Quantity Variation (Vol.I, Section-IV GCC)	
I. The quantity of all equipment/materials given in the Price Schedules of the bidding documents are provisional. The variation in quantity shall be limited to plus/minus (+/-) twenty percent (20%) for the individual items, total variations in all items under the contract shall be limited to ten percent (10%) of the contract price. For quantity variation of the individual items beyond twenty percent (20%), the matter shall be	I. The quantity of all equipment/materials given in the Price Schedules of the bidding documents are provisional. Estimate shall be so prepared that no positive deviation in quantities during execution shall arise. However, in case, deviations are found inevitable, total variation shall be limited to ten percent (10%) of the contract value.

referred to the Employer for mutually agreed rates.	
II. However, in case of highly quoted rate of individual item as compared to its estimated cost, efforts shall be made so that no positive deviation in quantity during execution shall be permitted to its award quantity. However, in case, deviations are found inevitable, present market rate analysis of the item shall be made.	II. To be deleted
III. The Contractor shall be responsible for supply and execution of such final quantities for completion of the project and they shall be paid for such finalized quantity within plus ten percent (+) 10% overall deviation limit.	III. The Contractor shall be bound for supply and execution of such final quantities for completion of the project as per clause I above.
Clause No. 1.02 Commercial: (Vol.I, Section –III) BDS of the SBD,	
For the purpose of this bid, the bidder shall meet the following requirements: 1.02.1 For the purpose of this particular bid, bidder shall meet the following minimum commercial criteria in past 7 years (ending last day of month previous to the one in which applications are invited) :	1.02.1 ---No Change---
i. Experience in <u>single similar completed work</u> of projects execution in electrical Transmission or sub-transmission & distribution sector costing not less than the amount equal to 80% of the estimated amount of the project. ii. Experience in <u>two similar completed work</u> of projects execution each in electrical Transmission or sub-transmission & distribution sector costing not less than 100 % of the estimated amount in two contracts of each not less than 50% of the estimated amount of the project. iii. Experience in <u>three similar completed work</u> of projects execution each in electrical Transmission or sub-transmission & distribution sector costing not less than 120 % of the estimated amount in three contracts of each not less than 40% of the estimated amount of the project. In case a bidder is quoting for more than one project, Pre-Qualification requirement shall be examined on the basis of sum of project wise requirements of experience of all quoted projects.	

1.02.2 Net Worth for the <u>each of the</u> last three Financial Years duly certified by the Chartered Accountant (CA) should be positive. <i>Net worth means the sum total of the paid up capital and free reserves (excluding reserves created out of revaluation) reduced by aggregate value of accumulated losses (including debit balance in profit and loss account for current year) and intangible assets.</i>	1.02.2 ____ No Change ____
1.02.3 Average Annual financial Turnover during the last 3 years, ending 31st March of the previous financial year duly certified by the Chartered Accountant (CA), should be at least 30% of the estimated cost.	1.02.3 ____ No Change ____
1.02.4 Bidder shall have liquid assets (LA) and/ or evidence of access to or availability of fund based credit facilities of not less than Rs ____ Lakhs i.e. 10% of the estimated cost of the project and the Banker should confirm that the Credit facility is earmarked for the Work specified under Bid on receipt of the Bid. <u>Liquid assets would include cash (and equivalents), bank deposits, securities that can be freely traded and receivables which has general certainty of getting received.</u> In case a bidder is quoting for more than one project, Pre-Qualification requirement shall be examined on the basis of sum of project wise requirements of LA of all quoted projects.	1.02.4 ____ No Change ____
1.02.5 Bid Capacity The bidder shall have to submit the detail of works executed during last seven year, list of ongoing uncompleted works and list of ongoing participated tenders alongwith their estimated cost value duly certified by Chartered Accountant (CA). The bidder shall satisfy "Bid Capacity" detailed as under in addition to other financial qualification mentioned in the bid. Bid capacity (C) = (2xA) – B A= Maximum Annual Turnover of one year out of last three years on the date of opening of tender. B= Value of left over existing commitments against various contracts which have already been awarded to firm. C= Where the bidder will be qualified only if his capacity is equal or more than the Estimated/NIT cost of work in question. Note:-Bidder shall supply supporting document along with bid capacity duly signed by Chartered Accountant (CA).	1.02.5 ____ No Change ____

1.02.6 In case a bid is submitted by a Joint Venture (JV), all the partners of the JV shall meet, individually, the qualification set forth at para 1.02.1 & 1.02.2 above and collectively the requirement of para 1.02.3, 1.02.4 & 1.02.5 above. The figures for each of the partner of the joint venture shall be added together to determine the bidder's compliance with the minimum qualifying criteria set out in para 1.02.3, 1.02.4 & 1.02.5 above; however in order for a joint venture to qualify, the partner(s) of joint venture must meet the following minimum criteria: 1.02.6.1 At least one partner shall meet, not less than 40% of the minimum criteria given at Para 1.02.3, 1.02.4 & 1.02.5 above AND 1.02.6.2 Each of the other partner(s) shall meet not less than 25% of the criteria given at Para 1.02.3, 1.02.4 & 1.02.5 above	1.02.6 In case a bid is submitted by a Joint Venture (JV), all the partners of the JV shall meet, collectively, the qualification set forth at para 1.02.1, 1.02.2, 1.02.3, 1.02.4 & 1.02.5 above. The figures for each of the partner of the joint venture shall be added together to determine the bidder's compliance with the minimum qualifying criteria set out in para 1.02.1, 1.02.2, 1.02.3, 1.02.4 & 1.02.5 above; however in order for a joint venture to qualify, the partner(s) of joint venture must meet the following minimum criteria: 1.02.6.1 At least one partner shall meet, not less than 40% of the minimum criteria given at Para 1.02.1, 1.02.2, 1.02.3, 1.02.4 & 1.02.5 above AND 1.02.6.2 Each of the other partner(s) shall meet not less than 25% of the criteria given at Para 1.02.1, 1.02.2, 1.02.3, 1.02.4 & 1.02.5 above
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Sub-Clause No. 11.3 of Clause No. 11 (Bid Prices) of Volume-1, Section-II (ITB):

Bidders shall give a breakdown of the prices in the manner and detail called for in the Price Schedule. Where no Price Schedule are included in the Bidding Documents, Bidders shall present their prices in the following manner:

Separate numbered Schedules shall be up-loaded for each of the following elements. The total amount from each Schedule 1 to 4 shall be summarized in a grand summary of Price Proposal (Schedule 5) giving the total bid price(s) to be entered in the Bid Form.

- Schedule 1 Plant and Equipment to be supplied
- Schedule 2: Transportation, Insurance and other incidental services applicable for supply of Plant & Equipment
- Schedule 3: Installation Services for Erection, Testing and Commissioning including Local Transportation,
- Schedule 4: Taxes and Duties not included in Schedule 1 to 3
- Schedule 5: Grand Summaries (Schedule Nos. 1 to 4)

Bidders shall note that the plant and equipment included in Schedule No. 1 above exclude materials used for civil, building and few other construction/erection works. All such materials shall be included and priced under Schedule No. 3, Installation Services.

Contractor shall fill up price schedule stating at what percentage below/ above (in figures as well as words) the total estimated cost given in Schedule of Quantities in Price Schedule at which he is willing to execute and complete the work. Percentage quoted by bidder shall be applicable for each item uniformly.

The tender submitted shall be treated as invalid if:-

- 1) The contractor does not quote percentage above/ below on the total amount of tender.
- 2) The percentage above/ below is not quoted in figures & words both on the total amount of tender.
- 3) The percentage quoted above/ below is different in figures & words on the total amount of the tender.

Tenders, which propose any alteration or pre-condition in the work specified in the said form of invitation of tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected.

In case the lowest tendered amount (estimated cost $\pm$ amount worked on the basis of percentage above/ below) of two or more contractors is same, such lowest tenderers will be asked at the time of opening of financial bids to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all section/ sub-heads as the case may be, but the revised percentage quoted above/ below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.

In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited.

If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots in the presence of competent store purchase committee (SPC).

In case all the lowest tenderers whose have quoted same amount, refuse to submit revised offers, then tenders shall be recalled after forfeiting 50% of EMD of each contractor.

Sub-Clause No. 11.4 of Clause No. 11 (Bid Prices) of Volume-1, Section-II (ITB):

In the price schedule, Bidder shall give the required details and a break-down of their price as follows:

- a. Plant and equipment shall be quoted on an EXW (ex-factory, ex-works, ex-warehouse or off-the-self, as applicable) basis and to be quoted in Schedule 1.

In respect of direct transaction between the Employer and the Contractor, EXW price shall be **exclusive** of all cost as well as duties and taxes (viz., GST & other levies) paid or payable on components, raw materials and any other items used for their consumption incorporated or to be incorporated in the Plant & Equipment.

GST and other levies for equipment/items under direct transaction shall not be included in the EXW price but shall be indicated wherever applicable in respective column of Schedule 4.

In respect of bought-out finished items, which shall be dispatched directly from the sub-vendor's works to the Employer's site (sale-in-transit), EXW price shall be inclusive of all cost as well as duties and tax (viz., GST & other levies) paid or payable.

Imported goods shall not be acceptable. Only indigenous goods shall be acceptable in the contract.

- b. Local transportation, insurance and other Services incidental to delivery of the Plant and Equipment to be supplied shall be quoted separately in Schedule 2.
- c. Installation Charges shall be quoted separately (Schedule 3) and shall include rates and prices for all labour, Contractor's equipment, temporary works, materials, consumables and all matters and things of whatsoever nature, provision of operations and maintenance manuals, etc. wherever identified in the Bidding Documents as necessary for the proper execution of all installation services except those priced in other Schedule

- a. Local transportation, insurance and other Services incidental to delivery of the Plant and Equipment to be supplied are to be included in estimated prices.

- b. Estimated erection charges include rates and prices for labour, Contractor's equipment, temporary works, materials, consumables and all matters and things of whatsoever nature involved, provision of operations and maintenance manuals, etc. wherever identified in the Bidding Documents as necessary for the proper execution of all works or installation services. Estimated prices shall include all taxes and duties such as GST, etc.

- c. The bidder shall deposit with authorities the GST and other levies on Works Contract, Turnover Tax or any other similar taxes under the GST Act for services to be performed, as applicable and Owner would not bear any liability on this account. The Owner shall, however, deduct such taxes at source as per the rules and issue Tax Deducted at Source (TDS) Certificate to the bidder.

- d. Insurance charges as per insurance requirement mentioned in Section – IV: General Conditions of Contract (GCC) and Appendix-3: Insurance Requirements to Form of Contract Agreement as contained in Volume-I : Section VI (Sample Forms and Procedures) of the Bidding Documents are included in estimated cost. Bidder shall further note that the Owner shall not be liable to make any payment/reimbursement to the Contractor whatsoever for insurance of Contractor's Plant and Machinery.

d. The bidder shall include the GST and other levies on Works Contract, Turnover Tax or any other similar taxes under the GST Act for services to be performed, as applicable in their quoted bid price and Employer would not bear any liability on this account. Employer on behalf of the Owner shall, however, deduct such taxes at source as per the rules and issue Tax Deducted at Source (TDS) Certificate to the bidder.

e. The Bidder shall include insurance charges in its bid prices as per insurance requirement mentioned in Section-IV: General Conditions of Contract (GCC) and Appendix-3: Insurance Requirements to Form of Contract Agreement as contained in Volume-I : Section VI (Sample Forms and Procedures) of the Bidding Documents. Bidder shall further note that the Employer shall not be liable to make any payment/ reimbursement to the Contractor whatsoever for insurance of Contractor's Plant and Machinery.

Discount(s)/rebate(s) offered by the bidder shall be indicated as a percentage of price component(s). Bidder shall also indicate in his bid, the price component(s) on which the discount is to be applied.

Sub-Clause No. 26.3 of Clause No. 26 (Evaluation of Bids) of Volume-1, Section-II (ITB):

The comparison shall be on the total price in Price Schedule No. 5 Grand Summary (Total of Schedule Nos. 1 to 4).

The comparison shall also include the applicable taxes, duties and other levies, which are reimbursable in line with the provisions of the Bidding Documents. The Employer's comparison will also include the costs resulting from application of the evaluation procedures described in ITB Sub-Clause 27.4 & 27.5.

The comparison shall be on the basis of overall percentage quoted in the Price Schedule.

The Owner's comparison will also include the costs resulting from application of the evaluation procedures described in ITB Sub-Clause 26.4 & 26.5.

Sub-Clause No. 26.4 of Clause No. 26 (Evaluation of Bids) of Volume-1, Section-II (ITB):

The Employer's evaluation of a bid will take into account, in addition to the bid prices indicated in Price Schedule Nos. 1 through 4 (online price schedules), the following costs and factors that will be added to each Bidder's bid price in the evaluation using pricing information available to the Employer, in the manner and to the extent indicated in ITB Sub-Clause 27.5 and in the Technical Specifications:

(a) the cost of all quantifiable deviations and omissions from the contractual and commercial conditions and the Technical Specifications as identified in the evaluation of Bid Envelope, and other deviations and omissions not so identified;

(b) the functional guarantees of the facilities offered;

(c) the performance of the equipment offered;

Bidder shall state the guaranteed performance or efficiency of the Equipment, named in the **BDS**, in response to the Technical Specifications. Equipment offered shall have a minimum (or a maximum, as the case may be) level of guarantees specified in the Technical Specifications to be considered responsive. Bids offering plant and equipment with guarantees less (or more) than the minimum (or maximum) specified shall be rejected.

(d) the extra cost of work, services, facilities, etc., required to be provided by the Employer or third parties;

(e) Any other relevant factors listed in **BDS**.

The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the contract, shall not be taken into account in bid evaluation.

The Owner's evaluation of a bid will take into account, in addition to the bid prices indicated in Price schedule (online price schedule), the following costs and factors that will be added to each Bidder's bid price in the evaluation using pricing information available to the Owner, in the manner and to the extent indicated in ITB Sub-Clause **26.5** and in the Technical Specifications:

(a) the functional guarantees of the facilities offered;

(b) the performance of the equipment offered;

Bidder shall state the guaranteed performance or efficiency of the Equipment, named in the **BDS**, in response to the Technical Specifications. Equipment offered shall have a minimum (or a maximum, as the case may be) level of guarantees specified in the Technical Specifications to be considered responsive. Bids offering plant and equipment with guarantees less (or more) than the minimum (or maximum) specified shall be rejected.

(c) Any other relevant factors listed in **BDS**.

The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the contract, shall not be taken into account during bid evaluation.

Sub-Clause No. 26.5 of Clause No. 26 (Evaluation of Bids) of Volume-1, Section-II (ITB):

Pursuant to ITB Sub-Clause 27.4, the following evaluation methods will be followed:

(a) Contractual and commercial deviations

The evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all commercial, contractual and technical obligations under this Bidding Documents. In arriving at the evaluated cost, towards deviations identified in the evaluation of bid, the cost of withdrawal indicated by the bidder in Attachment-6 of the Bid Form will be used. If such a price is not given, the Employer will make its own assessment of the cost of such a deviation for the purpose of ensuring fair comparison of bids.

(b) Functional Guarantees of the facilities

For the purposes of evaluation, the adjustment specified in the Technical Specifications will be added to the bid price for each drop (or excess) in the responsive functional guarantees offered by the Bidder, below (or above) either a norm of one hundred (100) or the value committed in the responsive bid with the most performing functional guarantees, as specified in the Technical Specifications.

(c) Performance Guarantees of the Equipment

For the purposes of evaluation, the adjustment specified in the **BDS** will be added to the bid price.

(d) Work, services, facilities, etc., to be provided by the Employer

Where bids include the undertaking of work or the provision of services or facilities by the Employer in excess of the provisions allowed for in the Bidding Documents, the Employer shall assess the costs of such additional work, services and/or facilities during the duration of the contract. Such costs shall be added to the bid price for evaluation.

Pursuant to ITB **Sub-Clause 26.4**, the following evaluation methods will be followed:

(a) No deviation from bid documents are allowed.

(b) Functional Guarantees of the facilities

For the purposes of evaluation, the adjustment specified in the Technical Specifications will be added to the bid price for each drop (or excess) in the responsive functional guarantees offered by the Bidder, below (or above) either a norm of one hundred (100) or the value committed in the responsive bid with the most performing functional guarantees, as specified in the Technical Specifications.

(c) Performance Guarantees of the Equipment

For the purposes of evaluation, the adjustment specified in the **BDS** will be added to the bid price.

Sub-Clause No. 26.6 of Clause No. 26 (Evaluation of Bids) of Volume-1, Section-II (ITB):

Any adjustments in price that result from the above procedures shall be added, for purposes of comparative evaluation only, to arrive at an "Evaluated Bid Price." Bid prices quoted by bidders and rectified as per ITB Sub Clause 27.2 shall remain unaltered.

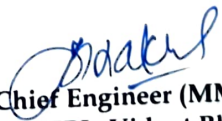
Any adjustments in price that result from the above procedures shall be added, for purposes of comparative evaluation only, to arrive at an "Evaluated Bid Price." Bid prices quoted by bidders and rectified as per ITB **Sub Clause 26.2** shall remain unaltered.

D.A.:- Sample Price Schedule (Annexure-A)


Chief Engineer (MM),
HPSEBL, Vidyut Bhawan,
Shimla-4. (Ph. - 0177-2801265)
cemm.hpsebl@gmail.com

• **Copy of the above is forwarded to:-**

- 1) All Superintending Engineers in the HPSEBL, for kind information and necessary action.
- 2) The SE(IT), O/o Chief Engineer (Commercial), HPSEBL, Shimla-171004 for uploading the same on HPSEBL's web portal.
- 3) The Chief Accounts Officer, HPSEBL, Vidyut Bhawan, Shimla-4 for kind information.
- 4) The Sr. Private Secretary to the Managing Director/ Director (Op)/ Director (Tech.)/ Director (F&A) for kind information of the Managing Director/ Directors please.


Chief Engineer (MM),
HPSEBL, Vidyut Bhawan,
Shimla-4. (Ph. - 0177-2801265)
cemm.hpsebl@gmail.com

Tender Inviting Authority:

Name of Work:

Contract No:

Name of the Bidder/
Bidding Firm /
Company:

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only.)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Schedule of Quantity	Units	Estimated Rate in Rs. p.	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
1	S/T POLE 13 MTR LONG 540 SP 72 weight 343 Kg	246	No.	27856	6852576.00	INR Sixty Eight Lakh Fifty Two Thousand Five Hundred & Seventy Six Only
2	RCC MUFF	246	No.	1691	415986.00	INR Four Lakh Fifteen Thousand Nine Hundred & Eighty Six Only
3	C LX-ARM (4000X100X50) mm TARGET STR	168.000	Mtr	535	89880.00	INR Eighty Nine Thousand Eight Hundred & Eighty Only
4	C LX-ARM (3500X100X50) mm DEAD END STR	1267.000	Mtr	535	677845.00	INR Six Lakh Seventy Seven Thousand Eight Hundred & Forty Five Only
5	A 1 BRACING SET (1500X50 X50 +2700 X50X50) mm 2NOS EACH	1067.000	Mtrs	385	410795.00	INR Four Lakh Ten Thousand Seven Hundred & Ninety Five Only
6	33 KV PIN INSULATOR POLYMERIC TYPE	741	No.	154	262314.00	INR Two Lakh Thirty Two Thousand Three Hundred & Fourteen Only
7	33 KV DISC INSULATOR POLYMERIC TYPE WITH FITTING 90 KN	648	Set	982	636336.00	INR Six Lakh Thirty Six Thousand Three Hundred & Thirty Six Only
8	STAY SET COMPLETE WITH GUY G-72 ASSEMBLY HEAVY DUTY FITTING G-204	249	Set	842	209658.00	INR Two Lakh Nine Thousand Six Hundred & Fifty Eight Only
9	STAY WIRE 7/3 15 mm (46.0 kg Per Stay Set)	1494	Kg	71	109062.00	INR One Lakh Nine Thousand & Sixty Two Only
10	IFT earthing set	106	No.	2728	289168.00	INR Two Lakh Eighty Nine Thousand One Hundred & Sixty Eight Only
11	DANGER PLATE (250X200X1 mm)	121	No.	127	15367.00	INR Fifteen Thousand Three Hundred & Sixty Seven Only
12	MS NUTS AND BOLTS OF SIZE	500.000	Kg	94	47000.00	INR Forty Seven Thousand Only
13	BARBED WIRE	425.000	Kg	75	31875.00	INR Thirty One Thousand Eight Hundred & Seventy Five Only
14	Aluminum paint	239.440	Ltr	329	78775.76	INR Seventy Eight Thousand Seven Hundred & Seventy Five and Paise Seventy Six Only
15	Cost of cond. ACSR cond. 30/7/2 59 mm including cutting & sagging 150 mm ²	92546.00	mtr	130.80	12110569.56	INR One Crore Twenty One Lakh Ten Thousand Five Hundred & Sixty Nine and Paise Fifty Six Only
16	G.I.R SWG For Earth wire for PCC& S/T Pole	1600	Kg	65	104000.00	INR One Lakh Four Thousand Only
17	22 kV Isolator (630 A, 25kA, with Earth Switch)	6	No.	37455	224730.00	INR Two Lakh Twenty Four Thousand Seven Hundred & Thirty Only
18	G O switch	8	No.	9154	73232.00	INR Seventy Three Thousand Two Hundred & Thirty Two Only
19	Half Clamp	958	No.	144	137952.00	INR One Lakh Thirty Seven Thousand Nine Hundred & Fifty Two Only
20	Full clamp	1227	No.	261	320247.00	INR Three Lakh Twenty Thousand Two Hundred & Forty Seven Only
21	24 kV Main unit 4 ways: Supply installation testing & commissioning of 4 way outdoor type extensible 24 kV Ring break switch/isolators (MOTOR/211) and 2 Nos. 24 kV vacuum circuit breaker with nominal voltage 24 kV, 630 A, 20kV with CT 200-1000/5 complete in all respect as per ISI specification of ABB/Siemens/Schneider make as approved by Engineer in Charge	2	No.	1225000	2450000.00	INR Twenty Four Lakh Fifty Thousand Only

Shak

22	22 KV XLPE 3 Core Cable 185 mm ²	120	mt	1121.56	158827.20	INR One Lakh Fifty Eight Thousand Eight Hundred & Twenty Seven and Paise Twenty Only
23	22 kV touch proof Heat shrinkable cable Termination kit (XLPE Cable 185 mm ²)	8	Set	11816	94528.00	INR Ninety Four Thousand Five Hundred & Twenty Eight Only
24	CT-PT Unit PT(1 Unit,22 kV 110 V) , CT(3No. 25-400 5A) OUTDOOR TYPE	1	No	52911.00	52931.00	INR Fifty Two Thousand Nine Hundred & Thirty One Only
25	HT Energy meter 22 kV 3 ph 3.4 wire CT-PT operated static Trivector meter "Catecor-B" (PT ratio: 110 volt ratio - 5 A)	1	No	6170.00	6170.00	INR Six Thousand One Hundred & Seventy Only
26	Erection of steel tubular pole 13mt. Long(Double pole Dead structure) Digging of pit for poles, muffling of pole, drilling of holes in poles and X-arms and Abracing set,fixing of insulators,X-arms	54	Str	156.70	846180.00	INR Eight Lakh Forty Six Thousand One Hundred & Eighty Only
27	Erection of steel tubular pole 13mt. Long(Double pole Pin structure) Digging of pit for poles, muffling of pole, drilling of holes in poles and X-arms and Abracing set,fixing of insulators,X-arms and X-bracing set erection of poles, fixing of barbed wire,danger plate,filling of pit ramming and painting etc.	65	Str	156.70	1018550.00	INR Ten Lakh Eighteen Thousand Five Hundred & Fifty Only
28	Erection of steel tubular pole 13mt. Long(Four pole Dead structure) Digging of pit for poles, muffling of poles, drilling of holes in poles and X-arms and Abracing set,fixing of insulators,X-arms and X-bracing set,erection of poles, fixing of barbed wire,danger plate,filling of pit ramming and painting etc.	2	Str	313.80	62880.00	INR Sixty Two Thousand Six Hundred & Eighty Only
29	Stay set(HT) :- Digging of pit(size0 9x0 7x1 .5 M),fixing of stay rod, filling and ramming of pit, nozzelling and tightening etc. complete in all respect	249	Set	19.30	480570.00	INR Four Lakh Eighty Thousand Five Hundred & Seventy Only
30	LAYING OF CONDUCTOR,STRINGING & SAGGING and BINDING WITH INSULATOR of 40NR 30 7 2 59 A/M2 (3wire) a w/Gl earth wire and fixing of jumper	14.965	KM	8092.5	1211042.63	INR Twelve Lakh Eleven Thousand & Forty Two and Paise Sixty Three Only
31	Prov. earthing of existing HT str. including digging of pits of size 1.80x1.2 x1.2 Mtrs, fixing of HT Earth Set and refilling the same and prov. Earthing connection complete in all respect	100	Per pole	3764	398560.00	INR Three Lakh Ninety Eight Thousand Five Hundred & Sixty Only
32	Erection of 22kV Isolator at Tapping Point	6	No	3746	22476.00	INR Twenty Two Thousand Four Hundred & Seventy Six Only
33	Erection of G.O. Switch at Tapping Point	8	No	916	7328.00	INR Seven Thousand Three Hundred & Twenty Eight Only
34	24 kV Man unit 4 ways:- Supply installation testing & commissioning of 5 way outdoor Type extensible 24 kV Ring break switch (isolators (MOTORIZED) and 2 Nos 24 kV vacuum circuit breaker with nominal voltage 24 kV, 630 A, 20kV with CT 200-100 5-5 complete in all respect as per ISI specification of ABB Siemens Schneider make as approved by Engineer in Charge.	2	No	115000	230000.00	INR Two Lakh Thirty Thousand Only
35	Erection of underground XLPE 3 Core Cable 185 mm ² cable along with excavation and refilling of trenches with earth and sand	0.12	Km	241467	28978.04	INR Twenty Eight Thousand Nine Hundred & Seventy Six and Paise Four Only
36	22 kV touch proof Heat shrinkable cable Termination kit (XLPE Cable 185 mm ²)	8	No	6.5	52.00	INR Fifty Two Only
37	Construction and protection wall C/C 1:2:4 around the DP dead Str. 2.10x1.20x1.00 mt	52	Str	17800	910000.00	INR Nine Lakh Ten Thousand Only
38	CT-PT Unit PT(1 Unit,22 kV 110 V) , CT(3No. 25-400 5A)	1	No	3745.5	3745.50	INR Three Thousand Seven Hundred & Forty Five and Paise Fifty Only
39	HT Energy meter 22 kV 3 ph 3.4 wire CT-PT operated static Trivector meter "Catecor-B" (PT ratio: 110 volt ratio - 5 A)	1	No	457.7	457.70	INR Four Hundred & Fifty Seven and Paise Seventy Only
Total in Figures					31080442.39	INR Three Crore Ten Lakh Eighty Thousand Four Hundred & Forty Two and Paise Thirty Nine Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only