

BOQ Cum Price Schedule (Annexure-I)					
Name of the Work:- Switchyard Design using Advanced Engineering Platform for BHEL-TBG					
SR_NO	Description_of_Item	Quantity	UOM	Unit Rate (in Rs.)	Total Amount (In Rs.)
1	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Earthmat design calculation	1	Nos.	23975.41	23975.41
2	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Direct Stroke Lightning Protection Calculations	1	Nos.	47950.82	47950.82
3	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Busbar Sizing for Conductor Calculations	1	Nos.	23975.41	23975.41
4	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Short Circuit Force on Conductors Calculations	1	Nos.	71926.23	71926.23
5	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Cantilever strength analysis for rigid bus Calculations	1	Nos.	23975.41	23975.41
6	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Sag & Swing Calculations	1	Nos.	23975.41	23975.41
7	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Soak Pit Design Calculations	1	Nos.	23975.41	23975.41
8	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Battery & Charger Sizing Calculations	1	Nos.	95901.64	95901.64
9	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Aux Power Cable Sizing Calculations	1	Nos.	47950.82	47950.82
10	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Current and Voltage Transformer sizing Calculations	1	Nos.	47950.82	47950.82
11	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Relay Settings Calculations	1	Nos.	95901.64	95901.64
12	Development of Calculation Platform, front end user interface and its deployment on Intranet :: UPS sizing Calculations	1	Nos.	23975.41	23975.41
13	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Aux Transformer sizing Calculations	1	Nos.	23975.41	23975.41
14	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Selection of Lightning Arrester Calculations	1	Nos.	23975.41	23975.41
15	Development of Calculation Platform, front end user interface and its deployment on Intranet :: NGR Sizing Calculations	1	Nos.	23975.41	23975.41
16	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Heat Load Calculation	1	Nos.	23975.41	23975.41
17	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Friction Loss Calculation	1	Nos.	23975.41	23975.41
18	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Pump sizing & Reservoir sizing Calculations	1	Nos.	23975.41	23975.41
19	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Design of Retaining wall	1	Nos.	47950.82	47950.82
20	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Design of Switchyard Structure (Beam, Towers, Equipment Support (Lattice and Pipe))	1	Nos.	239754.10	239754.10
21	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Design of foundation (Tower, Equipment Support Structure (Isolated and Combined))	1	Nos.	239754.10	239754.10
22	Development of Calculation Platform, front end user interface and its deployment on Intranet :: Design of Cable Trench, Road, Drain, Culvert	1	Nos.	119877.05	119877.05
23	Development of Calculation Platform, front end user interface and its deployment on Intranet :: BOQ Estimation Sheet – Civil	1	Nos.	119877.05	119877.05
24	Training at BHEL TBG, Noida for 1 day	1	Lot	13500.00	13500.00
25	Documentation (Binders and CDs)	1	Lot	1000.00	1000.00
26	AMC after Guarantee Period	1	Year	225000.00	225000.00
	Total Amount (in Rs.				1702000

(ANNEXURE-II)

**TRANSMISSION BUSINESS GROUP
(SUB- CONTRACTS MANAGEMENT)
TBG – NOIDA**

PRICE SCHEDULE FORMAT

Subject: Tender for Switchyard Design using Advanced Engineering Platform for BHEL-TBG.

- (a) I/ We hereby agree to execute the above work at ----- % (in figure) -----
----- (in words) Above/ Below/At Par the rates of items given in BOQ (Annexure-I) of
subject tender.

NOTE:

1. In this annexure the tenderer shall quote a percentage above or below or at par the rates shown in the BOQ (Annexure-I). The percentage quoted shall be clearly written both in words and figures In case of discrepancy in rates in figure and words, the minimum will be taken into account by BHEL.
2. The quoted percentage will apply to the individual items of BOQ (Annexure-I) uniformly.

Date:
Place

Signature of tenderer
Name & Designation of authorized person(s) with seal

ANNEXURE-III

SUMMARY OF PRICES FOR SWITCHYARD DESIGN USING ADVANCED ENGINEERING PLATFORM FOR BHEL-TBG, NOIDA

Sl No.	Description	Amount (Rs.)
1	Total amount as per the rates in BOQ for Switchyard Design using Advanced Engineering Platform for BHEL-TBG (Annexure-I)	17,02,000
2	Value of percentage above/below/at par (As indicated in Price Schedule Format, Annexure - II) applicable to the total amount of subject work (Sl. no. 1 above)% above/below/ at par
3	Total amount for Switchyard Design using Advanced Engineering Platform for BHEL-TBG after consideration of percentage above/below/ at par.	
4	Total amount in words after consideration of percentage above/below/ at par:-	