

Errata No#01 against Bidding Documents for : **NIT & Bidding Documents** for “**Operation & Maintenance Works of Substations under Chandauti Cluster**”, through custom **Bidding in GeM portal** (Bid No.: GEM/2024/B/ 5120649); Spec No CC/NT/S-AMC/DOM/T00/24/09302.

Amendment-01

<i>Sl. no.</i>	<i>Existing provision</i>	<i>Amended Provision</i>
01	Sahasra BoQ	Quantities of Sahasra BoQ is Changed and Revised BoQ of Chandauti Cluster is attached herewith. Bidders shall submit their Detailed price Break up in the Revised BoQ only for the subject tender.

ABSTRACT of Contract Quoted Price

Sl	Item Description		Total Quoted Price in Rs.(Incl.GST)
Total Quoted Price for			
1	Outsourcing of O&M of 400/220/132KV Chandauti Substation (AIS)	Part-A	
1	Periodic, preventive & condition-based maintenance of 400/220/132KV Saharsa Substation (AIS)	Part-B	
2	Periodic, preventive & condition-based maintenance of 400/220/132KV Sitamarhi Substation (AIS)	Part-C	
Total Price to be Quoted in the GeM Portal by the Bidder : (Part-A)+(Part-B)+(Part-C)			

BILL OF QUANTITY

Outsourcing of O&M of 400/220/132KV Chandauti Substation (AIS)

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in %) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
PART (A)- Monthly Maintenance as per TS					UoM	No. of Bays/sytem	Months				
A(I)					BAY MAINTENANCE						
					Main/Tie Bay						
1	996911		18%		400kV Bays	Nos.	14	36	504		
2	996911		18%		220kV Bays	Nos.	12	36	432		
3	996911		18%		132kV Bays	Nos.	8	36	288		
					Line Bay as per TS						
1	996911		18%		400kV Bays	Nos.	4	36	144		
2	996911		18%		220kV Bays	Nos.	4	36	144		
3	996911		18%		132kV Bays	Nos.	4	36	144		
A(II)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its associated equipments	Nos.	3	36	108		
2	996911		18%		220/132kV ICT along with its associated equipments	Nos.	3	36	108		
3	996911		18%		400kV Bus Reactor along with its associated equipments	Nos.	2	36	72		
A(III)					SUBSTATION AUXILIARIES						
1	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	36	144		
2	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	36	36		
3	996911		18%		LT System	Set	1	36	36		
4	996911		18%		VMS syatem	Set	1	36	36		
A(IV)	996911		18%		SAS SYSTEM	Set	1	36	36		
A(V)	996911		18%		Maintenance of Spares as per TS	Set	1	36	36		
PART (B)- Quarterly Maintenance as per TS						Nos	Qtrs				
B(I)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its associated equipments	Nos.	3	12	36		
2	996911		18%		220/132kV ICT along with its associated equipments	Nos.	3	12	36		
3	996911		18%		400kV Bus Reactor along with its associated equipments	Nos.	2	12	24		
B(II)	996911		18%		Thermovision scanning of Switchyard	Set	1	12	12		
B(III)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	12	12		
B(IV)	996911		18%		Maintenance of Spares as per TS	Set	1	12	12		
PART (C)- Half Yearly Maintenance as per TS						Nos	Half years				
C(I)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its associated equipments	Nos.	3	6	18		
2	996911		18%		220/132kV ICT along with its associated equipments	Nos.	3	6	18		
3	996911		18%		400kV Bus Reactor along with its associated equipments	Nos.	2	6	12		
C(II)	996911		18%		CVT	Nos.	51	6	306		
C(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	12	6	72		
C(IV)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	6	6		
C(V)	996911		18%		SAS SYSTEM	Set	1	6	6		
C(VI)	996911		18%		Maintenance of Spares as per TS	Set	1	6	6		

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in %) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Nos	Years	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
PART (D)- Annual Maintenance as per TS					Bay Maintenance								
D(I)					Bay Maintenance								
a)					Main/Tie Bay								
1	996911		18%		400kV Bays Including associated control & protection	Nos.	14	3	42				
2	996911		18%		220kV Bays Including associated control & protection	Nos.	12	3	36				
3	996911		18%		132kV Bays Including associated control & protection	Nos.	8	3	24				
b)					Line Bay as per TS								
1	996911		18%		400kV Bays Including associated control & protection	Nos.	4	3	12				
2	996911		18%		220kV Bays Including associated control & protection	Nos.	4	3	12				
3	996911		18%		132kV Bays Including associated control & protection	Nos.	4	3	12				
D(II)					TRANSFORMERS AND REACTORS								
1	996911		18%		400/220kV ICT along with its associated equipments, protection	Nos.	3	3	9				
2	996911		18%		220/132kV ICT along with its associated equipments, protection	Nos.	3	3	9				
3	996911		18%		400kV Bus Reactor along with its associated equipments, protection	Nos.	2	3	6				
D(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	12	3	36				
D(IV)					SUBSTATION AUXILIARIES								
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	3	3				
2	996911		18%		LT System	Set	1	3	3				
3	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	3	12				
4	996911		18%		SUB-STATION ILLUMINATION SYSTEM	Set	1	3	3				
D(VII)	996911		18%		Station earth resistance, Bus-Bar, Bus post insulators	Set	1	3	3				
D(VIII)	996911		18%		Maintenance of Spares as per TS	Set	1	3	3				
PART (E)- Breakdown Maintenance as per TS					Breakdown Maintenance as per TS								
E(I)					400kV								
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1				
2	996911		18%		Replacement of CT	Nos.			1				
3	996911		18%		Replacement of CB	Nos.			1				
E(II)					220kV								
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1				
2	996911		18%		Replacement of CT	Nos.			1				
3	996911		18%		Replacement of CB	Nos.			1				
E(III)					132kV								
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1				
2	996911		18%		Replacement of CT	Nos.			1				
3	996911		18%		Replacement of CB	Nos.			1				
E(IV)	996911		18%		BPI of all voltage class	Nos.			1				
					Total Amount for Chandauti SS Including GST:(Part-A)								

Note

- 1 Scope of different bays/elements may be read in line with typical drawing attached with Technical Specification.
- 2 Day to Day O&M activities described in Technical specification are part of the monthly maintenance.
The quoted price for the following works should not exceed the quoted price for yearly maintenance:
- 3
 - 1.Monthly maintenance for a duration of 12 months
 - 2.Maintenance on a quarterly basis for 4 quarters
 - 3.Semi-annual maintenance for 2 half-year periods

BILL OF QUANTITY

Periodic, preventive & condition-based maintenance of 400/220/132KV Saharsa Substation (AIS)

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in (%) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
PART (A)- Monthly Maintenance as per TS					UoM	No. of Bays/sytem	Months				
A(I)					BAY MAINTENANCE						
					Main/Tie Bay						
1	996911		18%		400kV Bays	Nos.	18	36	648		
2	996911		18%		220kV Bays	Nos.	10	36	360		
3	996911		18%		132kV Bays	Nos.	8	36	288		
					Line Bay as per TS						
1	996911		18%		400kV Bays	Nos.	8	36	288		
2	996911		18%		220kV Bays	Nos.	4	36	144		
3	996911		18%		132kV Bays	Nos.	4	36	144		
A(II)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	2	36	72		
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	2	36	72		
3	996911		18%		400kV Bus Reactor along with its assosiated equipments	Nos.	2	36	72		
A(III)					SUBSTATION AUXILIARIES						
1	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	36	144		
2					STATION FIRE PROTECTION SYSTEM	Set	1	36	36		
3					LT System	Set	1	36	36		
4	996911		18%		VMS syatem	Set	1	36	36		
A(IV)	996911		18%		SAS SYSTEM	Set	1	36	36		
A(V)	996911		18%		Maintenance of Spares as per TS	Set	1	36	36		
PART (B)- Quarterly Maintenance as per TS						Nos	Qtrs				
B(I)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	2	12	24		
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	2	12	24		
3	996911		18%		400kV Bus Reactor along with its assosiated equipments	Nos.	2	12	24		
B(II)	996911		18%		Thermovision scanning of Switchyard	Set	1	12	12		
B(III)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	12	12		
B (IV)	996911		18%		Maintenance of Spares as per TS	Set	1	12	12		
PART (C)- Half Yearly Maintenance as per TS						Nos	Half years				
C(I)	996911		18%		TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	2	6	12		
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	2	6	12		
3	996911		18%		400kV Bus Reactor along with its assosiated equipments	Nos.	2	6	12		
C(II)	996911		18%		CVT	Nos.	45	6	270		
C(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	10	6	60		
C(IV)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	6	6		
C(V)	996911		18%		SAS SYSTEM	Set	1	6	6		
C(VI)	996911		18%		Maintenance of Spares as per TS	Set	1	6	6		
PART (D)- Annual Maintenance as per TS						Nos	Years				
D(I)					Bay Maintenance						
					Main/Tie Bay						
1	996911		18%		400kV Bays Including associated control & protection	Nos.	18	3	54		

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in %) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
2	996911		18%		220kV Bays Including associated control & protection	Nos.	10	3	30		
3	996911		18%		132kV Bays Including associated control & protection	Nos.	8	3	24		
					Line Bay as per TS						
1	996911		18%		400kV Bays Including associated control & protection	Nos.	8	3	24		
2	996911		18%		220kV Bays Including associated control & protection	Nos.	4	3	12		
3	996911		18%		132kV Bays Including associated control & protection	Nos.	2	3	6		
D(II)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its associated equipments, protection	Nos.	2	3	6		
2	996911		18%		220/132kV ICT along with its associated equipments, protection	Nos.	2	3	6		
3	996911		18%		400kV Bus Reactor along with its associated equipments, protection	Nos.	2	3	6		
D(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	10	3	30		
D(IV)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	3	3		
2	996911		18%		LT System	Set	1	3	3		
3	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	3	12		
4	996911		18%		SUB-STATION ILLUMINATION SYSTEM	Set	1	3	3		
D (V)	996911		18%		Station earth resistance, Bus-Bar, Bus post insulators	Set	1	3	3		
D (VI)	996911		18%		Maintenance of Spares as per TS	Set	1	3	3		
PART (E)- Breakdown Maintenance as per TS											
E(I)					400kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
3	996911		18%		Replacement of CB	Nos.			1		
E(II)					220kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
PART (E)	996911		18%		Replacement of CB	Nos.			1		
E(III)					132kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
3	996911		18%		Replacement of CB	Nos.			1		
E(IV)	996911		18%		BPI of all voltage class	Nos.			1		
Total Amount for Saharsa SS Including GST:(Part-B)											

Note

- 1 Scope of different bays/elements may be read in line with typical drawing attached with Technical Specification.
- 2 Day to Day O&M activities described in Technical specification are part of the monthly maintenance.
The quoted price for the following works should not exceed the quoted price for yearly maintenance:
- 3
 - 1.Monthly maintenance for a duration of 12 months
 - 2.Maintenance on a quarterly basis for 4 quarters
 - 3.Semi-annual maintenance for 2 half-year periods

BILL OF QUANTITY

Periodic, preventive & condition-based maintenance of 400/220/132KV Sitamarhi Substation (AIS)

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in (%) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
PART (A)- Monthly Maintenance as per TS					UoM	No. of Bays/sytem	Months				
A(I)					BAY MAINTENANCE						
					Main/Tie/BC/TBC Bay						
1	996911		18%		400kV Bays	Nos.	16	36	576		
2	996911		18%		220kV Bays	Nos.	10	36	360		
3	996911		18%		132kV Bays	Nos.	7	36	252		
					Line Bay as per TS						
1	996911		18%		400kV Bays	Nos.	6	36	216		
2	996911		18%		220kV Bays	Nos.	4	36	144		
3	996911		18%		132kV Bays	Nos.	4	36	144		
A(II)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assoiated equipments	Nos.	2	36	72		
2	996911		18%		220/132kV ICT along with its assoiated equipments	Nos.	2	36	72		
3	996911		18%		400kV Bus Reactor along with its assoiated equipments	Nos.	2	36	72		
A(III)					SUBSTATION AUXILIARIES						
1	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	36	144		
2	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	36	36		
3	996911		18%		LT System	Set	1	36	36		
4	996911		18%		VMS syatem	Set	1	36	36		
A(IV)	996911		18%		SAS SYSTEM	Set	1	36	36		
A(V)	996911		18%		Maintenance of Spares as per TS	Set	1	36	36		
PART (B)- Quarterly Maintenance as per TS						Nos	Qtrs				
B(I)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assoiated equipments	Nos.	2	12	24		
2	996911		18%		220/132kV ICT along with its assoiated equipments	Nos.	2	12	24		
3	996911		18%		400kV Bus Reactor along with its assoiated equipments	Nos.	2	12	24		
B(II)	996911		18%		Thermovision scanning of Switchyard	Set	1	12	12		
B(III)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	12	12		
B (IV)	996911		18%		Maintenance of Spares as per TS	Set	1	12	12		
PART (C)- Half Yearly Maintenance as per TS						Nos	Half years				
C(I)	996911		18%		TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its assoiated equipments	Nos.	2	6	12		
2	996911		18%		220/132kV ICT along with its assoiated equipments	Nos.	2	6	12		
3	996911		18%		400kV Bus Reactor along with its assoiated equipments	Nos.	2	6	12		
C(II)	996911		18%		CVT	Nos.	51	6	306		
C(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	12	6	72		
C(IV)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	6	6		
C(V)	996911		18%		SAS SYSTEM	Set	1	6	6		
C(VI)	996911		18%		Maintenance of Spares as per TS	Set	1	6	6		
PART (D)- Annual Maintenance as per TS						Nos	Years				
D(I)					Bay Maintenance						
					Main/Tie Bay						
1	996911		18%		400kV Bays Including associated control & protection	Nos.	16	3	48		

Sl.No. (1)	SAC (Service Accounting Codes) (2)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in %) (4)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate (7)	GST payable on the price quoted (%) (8)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount) (10)	Total Price per line item (including GST) (11) = (9)+(10)
2	996911		18%		220kV Bays Including associated control & protection	Nos.	10	3	30		
3	996911		18%		132kV Bays Including associated control & protection	Nos.	7	3	21		
					Line Bay as per TS						
1	996911		18%		400kV Bays Including associated control & protection	Nos.	6	3	18		
2	996911		18%		220kV Bays Including associated control & protection	Nos.	4	3	12		
3	996911		18%		132kV Bays Including associated control & protection	Nos.	4	3	12		
D(II)					TRANSFORMERS AND REACTORS						
1	996911		18%		400/220kV ICT along with its associated equipments, protection	Nos.	2	3	6		
2	996911		18%		220/132kV ICT along with its associated equipments, protection	Nos.	2	3	6		
3	996911		18%		400kV Bus Reactor along with its associated equipments, protection	Nos.	2	3	6		
D(III)					PLCC/DTPC EQUIPMENTS	Set	12	3	36		
D(IV)					SUBSTATION AUXILIARIES						
1	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	3	3		
2	996911		18%		LT System	Set	1	3	3		
3	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4	3	12		
4	996911		18%		SUB-STATION ILLUMINATION SYSTEM	Set	1	3	3		
D (V)	996911		18%		Station earth resistance, Bus-Bar, Bus post insulators	Set	1	3	3		
D (VI)	996911		18%		Maintenance of Spares as per TS	Set	1	3	3		
PART (E)- Breakdown Maintenance as per TS											
E(I)					400kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
3	996911		18%		Replacement of CB	Nos.			1		
E(II)					220kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
3	996911		18%		Replacement of CB	Nos.			1		
E(III)					132kV						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1		
2	996911		18%		Replacement of CT	Nos.			1		
3	996911		18%		Replacement of CB	Nos.			1		
E(IV)	996911		18%		BPI of all voltage class	Nos.			1		
Total Amount for Sitamarhi SS Including GST:(Part-C)											

Note

- 1 Scope of different bays/ elements may be read in line with typical drawing attached with Technical Specification.
- 2 Day to Day O&M activities described in Technical specification are part of the monthly maintenance.
The quoted price for the following works should not exceed the quoted price for yearly maintenance:
- 3
 - 1.Monthly maintenance for a duration of 12 months
 - 2.Maintenance on a quarterly basis for 4 quarters
 - 3.Semi-annual maintenance for 2 half-year periods