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

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

ABSTRACT of Contract Quoted Price

S1	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)		
Total	Price to be Quoted in the GeM Portal by the E (Part-A)+(Part-B)+(Part-C)		

BILL OF QUANTITY

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

					·									
Sl.No.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC #	Rate of GST applicable (in %)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate	Description of work	Qty.	Unit Rate	GST payable on the price quoted (%)						
(1)	(2)	(3)	(4)	of GST # (5)			(6)	(7)	(8)	(9)= (6)x(7)	(10)	(11) = (9)+(10)		
PART	(A)- Monthly Ma	nintenace as per	rs			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 assosiated equipments	Nos.	3	36	108					
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	3	36	108					
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	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 M	aintenace as per	TS				Nos	Qtrs						
B(I)					TRANSFORMERS AND REACTORS									
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	3	12	36					
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	3	12	36					
3	996911		18%		400kV Bus Reactor along with its assosiated equipments	Nos.	2	12	24					
B(II)	996911		18%		Thermovision scaning 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	Maintenace as po	er TS				Nos	Half years						
C(I)					TRANSFORMERS AND REACTORS									
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	3	6	18					
2	996911		18%		220/132kV ICT along with its assosiated equipments	Nos.	3	6	18					
3	996911		18%		400kV Bus Reactor along with its assosiated 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.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC #	(in %)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty.	Unit Rate	GST payable on the price quoted (%)	per line item (excluding GST)	GST payable on the price quoted (Amount)	per line item (including GST)			
(1)	(2)	(3)	(4)	01 G51 # (5)					(6)	(7)		(9)= (6)x(7)	(10)	(11) = (9)+(10)
	(D)- Annual Ma	intenace as per T	S				Nos	Years						
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)	00.044		18%		Line Bay as per TS	N.T.		3	12					
2	996911 996911		18%		400kV Bays Including associated control & protection 220kV Bays Including associated control & protection	Nos.	4	3	12					
3	996911		18%		220kV Bays Including associated control & protection 132kV Bays Including associated control & protection	Nos.	4	3	12					
D(II)	990911		10 /0		TRANSFORMERS AND REACTORS	INOS.	4	3	12					
1	996911		18%		400/220kV ICT along with its assosiated equipments, protection	Nos.	3	3	9					
2	996911		18%		220/132kV ICT along with its assosiated 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					
	(E)- Breakdown	Maintenace as pe	er TS		Breakdown Maintenace 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)	00/011		100/		220kV			1						
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1					
3	996911		18%		Replacement of CT				1					
E(III)	996911		18%		Replacement of CB 132kV	Nos.		l .	1	l .				\vdash
1	996911		18%		Replacement of CVT/LA/WT	Nos.		1	1	1				\vdash
2	996911		18%		Replacement of CV 1/LA/ W 1 Replacement of CT	Nos.			1					
3	996911		18%		Replacement of CB	Nos.			1					\vdash
E(IV)	996911		18%		BPI of all voltage class	Nos.			1					\vdash
2(17)	770711		1070		Total Amount for Chandauti SS Includir)	l		ı	Į.			
		Note				0 1	<i>,</i>							

Note

- 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:
 - 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.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	Rate of GST applicable (in %)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST # (5)	Description of work	Qty. (6)	Unit Rate	GST payable on the price quoted (%)	Total Price per line item (excluding GST) (9)= (6)x(7)	GST payable on the price quoted (Amount)	Total Price per line item (including GST) (11) = (9)+(10)			
PART	A)- Monthly Ma	intenace as per T	s			UoM	No. of	Months						
A(I)	·	<u> </u>			BAY MAINTENANCE		Bays/sytem							
A(I)					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					
	B)- Quarterly M	aintenace 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 scaning 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	Maintenace as pe	r 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 Mai	ntenace as per TS	3				Nos	Years						
D(I)					Bay Maintenance									
					Main/Tie Bay									
1	996911		18%		400kV Bays Including associated control & protection	Nos.	18	3	54					

Sl.No.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC #	applicable (in %)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST #	Description of work				Qty.	Unit Rate	GST payable on the price quoted (%)	per line	GST payable on the price quoted (Amount)	(including GST)
(1)	(2)	(3)	(4)	(5)					(6)	(7)	(8)	(,, (,, (,,		(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 assosiated equipments, protection	Nos.	2	3	6					
2	996911		18%		220/132kV ICT along with its assosiated equipments, protection	Nos.	2	3	6					
3	996911		18%		400kV Bus Reactor along with its assosiated 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					
DADE	(E) B 11	\	TO .											
	E)- Breakdown	Maintenace as pe	er 15		tool XI									
E(I)	996911		18%		400kV	Nos.		1	1					
2	996911		18%		Replacement of CVT/LA/WT	Nos.			1					
					Replacement of CT									
3	996911		18%		Replacement of CB 220kV	Nos.			1					
E(II)	00/011		400/			2.7								
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1					
2	996911		18%		Replacement of CT	Nos.			1					
PART (996911		18%		Replacement of CB	Nos.			1	1			ļ	
E(III)	00/011		100/		132kV	NI			1	1			ļ	
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1	1			ļ	
2	996911		18%		Replacement of CT	Nos.			1	1			ļ	
3	996911		18%		Replacement of CB	Nos.			1	1			ļ	
E(IV)	996911		18%		BPI of all voltage class	Nos.			1	1			1	
					Total Amount for Saharsa SS Includin	ig GST:(Part-B)								

Note

- 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: 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.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	%)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST #	Description of work	Qty. (6)	Unit Rate	GST payable on the price quoted (%)	Total Price per line item (excluding GST) (9)= (6)x(7)	(10)				
PART	(A)- Monthly Ma	aintenace as per T	тs			UoM	No. of Bays/sytem	Months						
A(I)					BAY MAINTENANCE		Duysysytem							
					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 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	996911		18%		STATION FIRE PROTECTION SYSTEM	Set	1	36	36					
3	996911		18%		LT System	Set	1	36	36					
4	996911		18%		VMS system	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					
. ,	1	laintenace as per			Humichance of Spares as per 15	Set	Nos	Otrs	00					
B(I)	(b) Quarterly 1/2	lariteriace as per	10		TRANSFORMERS AND REACTORS		1105	Quo						
1	996911		18%		400/220kV ICT along with its associated 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 scaning of Switchyard	Set	1	12	12					
B(III)	770711		1070		SUBSTATION AUXILIARIES	Set	1	12	12					
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					
(' /		Maintenace as pe			Wiantienance of Spares as per 15	Set	Nos	Half years	12					
C(I)	996911	manitenace as pe	18%		TRANSFORMERS AND REACTORS		1105	Tian years						
1	996911		18%		400/220kV ICT along with its assosiated equipments	Nos.	2	6	12				 	
2	996911		18%		220/132kV ICT along with its associated equipments	Nos.	2	6	12	1			 	
3	996911		18%		400kV Bus Reactor along with its assosiated equipments	Nos.	2	6	12				 	
C(II)	996911		18%		400kV bus Reactor along with its assosiated equipments CVT	Nos.	51	6	306	1			 	
C(III)	996911		18%		PLCC/DTPC EQUIPMENTS	Set	12	6	72				 	
C(IV)	770711		10 /0		SUBSTATION AUXILIARIES	Jei	12	U	1/2				 	
1	996911		18%		STATION AUXILIARIES STATION FIRE PROTECTION SYSTEM	Set	1	6	6	1		1	 	
C(V)	996911		18%		SAS SYSTEM	Set	1	6	6				 	
C(VI)	996911		18%			Set	1	6	6	1		1	 	
. /		intenace as per TS			Maintenance of Spares as per TS	Jei	Nos	Years	U					
D(I)	(D)- Alilluai Mai	intenace as per 18	<u> </u>		Par Maintonana		INOS	rears						
D(1)	 	 		 	Bay Maintenance Main/Tie Bay	-			 	-			 	
1	006011		100/		• •	Nac	16	2	40					
1	996911		18%		400kV Bays Including associated control & protection	Nos.	16	3	48	1	l	l	i	j

Sl.No.	SAC (Service Accounting Codes)	Whether SAC in column '(2)' is confirmed. If not indicate applicable the SAC # (3)	applicable (in %)	Whether rate of GST in column '(4)' is confirmed. If not indicate applicable rate of GST #	Description of work				Qty.	Unit Rate	GST payable on the price quoted (%)	per line	GST payable on the price quoted (Amount)	
	` ′		. ,	. ,					, , ,	(7)	(6)			
3	996911		18%		220kV Bays Including associated control & protection	Nos.	10 7	3	30					
3	996911		18%		132kV Bays Including associated control & protection	Nos.	7	3	21					
1	996911		18%		Line Bay as per TS	Nos.	6	3	18					
1					400kV Bays Including associated control & protection									
2	996911		18% 18%		220kV Bays Including associated control & protection	Nos.	4	3	12 12					
3	996911		18%		132kV Bays Including associated control & protection	Nos.	4	3	12					
D(II)	996911		18%		TRANSFORMERS AND REACTORS	Nos.	2	3	-					
					400/220kV ICT along with its assosiated equipments, protection		2		6					
2	996911		18%		220/132kV ICT along with its assosiated equipments, protection	Nos.	2	3	6					
3	996911		18%		400kV Bus Reactor along with its assosiated equipments, protection	Nos.	2	3	6					
D(III)					PLCC/DTPC EQUIPMENTS	Set	12	3	36					
D(IV)	00.0044		400/		SUBSTATION AUXILIARIES	0.1		2	_					
1	996911		18% 18%		STATION FIRE PROTECTION SYSTEM	Set	1	3	3					
2	996911				LT System	Set	1	3	3					
3	996911		18%		BATTERY BANK & BATTERY CHARGER (220V-2Nos, 48V-2nos)	Set	4		12					
4 D (1)	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					
DADT	(E) BI. I	Maintenace as pe	TC											
	(E)- Breakdown	Maintenace as pe	er 15		400kV									
E(I)	00.0044		18%			N T								
1	996911				Replacement of CVT/LA/WT	Nos.			1					
2	996911		18%		Replacement of CT	Nos.			1					
E(II)	996911		18%		Replacement of CB 220kV	Nos.			1					
E(II)	00/011		100/			NT			-1					
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1					
2	996911		18%		Replacement of CT	Nos.			1	1				ļ
3	996911		18%		Replacement of CB	Nos.			1	1				ļ
E(III)	00/044		400/		132kV	N.T.								
1	996911		18%		Replacement of CVT/LA/WT	Nos.			1					
2	996911		18%		Replacement of CT	Nos.			1	1				ļ
3	996911		18%		Replacement of CB	Nos.			1	1				ļ
E(IV)	996911		18%		BPI of all voltage class Total Amount for Sitamarhi SS Includi:	Nos.		I	1	1				ļ
		Note			Total Amount for Shanfarni 55 includi	ng Gottleratt-C	J							

Note

- Scope of different bays/elements may be read in line with typical drawing attached with Technical Specification.
- 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: 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