



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001:2008 certified Company)

OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) SAWAI MADHOPUR

Phone No. 07462-220315, 222262(Office),223694 (R) 9414061073 (M)

No. RVPN/XEN GSS/SWM/works/F. CLRC /16-17 /D. 32 Dt. 17/4/17

Notice for CLRC work

The acceptance are invited from the E category contractors registered in Jaipur Zone to carrying out the quarterly Bay Maintenance work at 220 KV GSS Sawai Madhopur, 132 KV GSS Khandar, 132 KV GSS Lakheri, 132 KV GSS Nainwa, 132 KV GSS Uniara, 132 KV GSS Newai, 132 KV GSS Bhadoti on the Rates, Terms and condition of CLRC which issue by the Superintending Engineer (SSPC) RVPN Jaipur vide letter No. RVPN/SE/SSPC/TK/A.I/TN-2975 /CLRC/D.501Dated 24.05.13 and further extended vide letter No. 303 Dt. 18.05.2015 and D. 1151 Dt. 11.09.2015.

The acceptance are received within 7 days from the date of issue of this notice otherwise it will be presumed that you are not interested to carrying out the above work.

Date of issuing : - 17.04.2017

Date of Opening :- 24.04.2017

(S.K.Singh)

Executive Engineer (220 KV GSS)
RVPN Sawai Madhopur

Copy submitted/forwarded to the following for kind information & n/a please.

1. The Superintending Engineer (T&C) RVPN Sawai Madhopur
2. The TA to CE (T&C) Jaipur for uploading of NIT/G-Schedule on the web site of Nigam as per order No. 1860 Dt. 26.08.2015 of the CE (T&C) RVPN Jaipur
3. The Assistant Engineer (M) 220 KV GSS RVPN Sawai Madhopur
4. The Assistant Engineer (132 KV GSS) RVPN Khandar/ Lakheri/ Nainwa/ Uniara/ Newai/ Bhadoti.
5. The Accounts Officer (T&C) RVPN Sawai Madhopur
6. Notice Board
7. E-mail Address:- tender.zcetncjaipur@gmail.com

Executive Engineer (220 KV GSS)
RVPN Sawai Madhopur

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001:2008 certified Company)

OFFICE OF THE EXECUTIVE ENGINEER (220 KV GSS) SAWAI MADHOPUR

Phone No. 07462-220315, 222262(Office),223694 (R), 9414061073 (M),

(G-SCHEDULE FOR Maintenance of Bay Equipments at 220 KV GSS Sawai Madhopur based on RVPN BSR for R&M work of EHV GSS & Line - 2011)

S. N.	BSR Code	Description	Qty.	Freq.	Total Qty. in a year	Rate	Amount
		Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Bay equipment involving activities listed in Section IV A of specification.					
1	3.0	Maintenance of Bay Equipments					
		Providing of work assistance as given below in maintenance work of following bay equipments such as CircuitBreaker,Current Transformer,Lighting Arrestors, Isolator ,CVTs,PLCC Equipments and correspondingControl and Relay Panels(all spares,including material and only special T&P shall be provided by RVPN.Cleaning material and generan T&P shall be arranged by the contractor)					
		(a)Checking of tightnees of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes					
		(e)Checking of CB operation through relays and varifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.2	220 KV Bay(1 No.Supervisor+8 Nos.Workmen)	5 Bay	QTR	5	2332	11660.00
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	16 Bay	QTR	16	1892	30272.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	22 Bay	QTR	22	1666	36652.00
		Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Voltage class / Power Station Transformer involving activities listed in Section IV A of specification.					
2	4	Maintenance of Power Transformer					
		Providing of work assistance as given below in maintainance of powe rtransformer for the following types of power transformers (all spares , lubricating material & only space T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.					

	(a)cleaning of porceline bushings						
	(b)checking of tightness of clamps & connectors						
	(c)cleaning of bucholz & oil surge relays						
	(d)Cleaning of glasses of all oil level indicators						
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided						
	(f)Attending of oil leakage from tr. Body and bushings						
	(g)Checking of oil level in oil filled bushings						
	(h)Checking of drycol air drying system						
	(i)Measurements of IR values						
	(j)Measurements of earth resistance						
	(k)testing of PRD						
	(l)Checking of triplings circuit of bucholz & WDG oil temperature controls and protection scheme.						
	(m)checking of OLTC gear operation						
	n) Checking of auto circuits of cooling bank.						
	o) Taking of oil samples for testing.						
	p) To carryout other special measurements as may be required.						
	q) Providing of other related work assistance as may be required by Work Incharge.						
	220/132 kV 100 MVA or 50 MVA and 220/33KV 50 MVA or 35 MVA (6 Nos. Workmen)	2 No.s	QTR	2	1357	2714.00	
4.3	132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)	3 No.s	QTR	3	1220	3660.00	
4.4	33/11 kV & Aux. supply station Transformer (3 Nos. Workmen)	3 NO	QTR	3	774	2322.00	
	Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Bus - Bar & associated equipment involving activities listed in Section IV A of specification.						
3	5	Maintenance of Bus Bars and Associated Equipments					
	Providing work assistance as given below in maintenance work of Bus bars of variousvoltage levels.(All spares, lubricating material and only special T&P shall be provided						
	a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 metre using safety belts) also tighting of clamp / connectors of all						
	b) Replacement of worn out clamps & connectors of bus during work under item No. (a).						
	c) Cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, Bus CVT's /PT's						
	d) Checking of operation of Bus isolators and their alignment including motorized operation.						
	e) Maintenance of operating mechanism & switches, etc.						
	f) Lubrication of all moving parts.						

	g) Providing of other related work assistance as may be required by Work Incharge.					
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	2 No.	QTR	2	1351	2702
10	EMERGENCY MAINTENANCE OF SUB STATION					
	Providing work assistance in attending emergency maintenance works of 400 KV /220KV/ 132 KV GSS for various equipment like, power transformer with associated controls & accessories breakers isolators bus bar . Air / gas system CT's , CVT's / PT's , LA's auxiliary power supply system & D.C. system on following basis (All spares, lubricating material and only special T&P shall be provided by RVPN. cleaning material and general T&P shall be arranged by the contractor)					
10.2	220 KV Sub Station (6 No.s Workmen)	2 days in a month	Per day	8	2023	16184.00
	Total as per BSR 2011					106166.00
	Above 60% as per CLRC					95549.40
					G.Total	201715.40

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~~Executive Engineer (220 KV GSS)
RVPN Sawai Madhopur
Sawai Madhopur~~

Signature of Contractor with full adress

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, LAKHERI

**(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Lakheri based on RVPN
BSR for R&M work of EHV GSS & Line - 2011)**

G - SCHEDULE

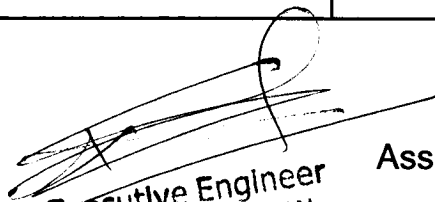
Sl.No. Code	BSR Code	Description	Qty.	Freq.	Total Qty. in a year	Rate	Amount
		Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Bay equipment involving activities listed in Section IV A of specification.					
1	3.0	Maintenance of Bay Equipments					
		Providing of work assistance as given below in maintenance work of following bay equipments such as CircuitBreaker,Current Transformer,Lighting Arrestors, Isolator ,CVTs,PLCC Equipments and correspondingControl and Relay Panels(all spares,including material and only special T&P shall be provided by RVPN.Cleaning material and generan T&P shall be arranged by the contractor)					
		(a)Checking of tightnees of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes					
		(e)Checking of CB operation through relays and varifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	10 Bay	QTR	10	1892	18920.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	16 Bay	QTR	16	1666	26656.00


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		Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Voltage class / Power Station Transformer involving activities listed in Section IV A of specification.						
2	4	Maintenance of Power Transformer						
		Providing of work assistance as given below in maintenance of power transformer for the following types of power transformers (all spares, lubricating material & only special T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.						
		(a) cleaning of porcelain bushings						
		(b) checking of tightness of clamps & connectors						
		(c) cleaning of bucholz & oil surge relays						
		(d) Cleaning of glasses of all oil level indicators						
		(e) cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided						
		(f) Attending of oil leakage from tr. Body and bushings						
		(g) Checking of oil level in oil filled bushings						
		(h) Checking of drycol air drying system						
		(i) Measurements of IR values						
		(j) Measurements of earth resistance						
		(k) testing of PRD						
		(l) Checking of tripping circuit of bucholz & WDG oil temperature controls and protection scheme.						
		(m) checking of OLTC gear operation						
		(n) Checking of auto circuits of cooling bank.						
		(o) Taking of oil samples for testing.						
		(p) To carry out other special measurements as may be required.						
		(q) Providing of other related work assistance as may be required by Work Incharge.						
	4.3	132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)	3 No.s	QTR	3	1220	3660.00	
	4.4	33/11 kV & Aux. supply station Transformer (3 Nos. Workmen)	2 NO	QTR	2	774	1548.00	
		Work of Maintenance of 400 KV, 220 KV, 132 KV, 33 KV & 11 KV Bus - Bar & associated equipment involving activities listed in Section IV A of specification.						
3	5	Maintenance of Bus Bars and Associated Equipments						
		Providing work assistance as given below in maintenance work of Bus bars of various voltage levels. (All spares, lubricating material and only special T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor.)						
		a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 metre using safety belts) also tightening of clamp / connectors of all bus side associated equipments.						

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	b) Replacement of worn out clamps & connectors of bus during work under item No. (a).					
	c) Cleaning of all insulators of suspension and tension strings of bus bars and insulators of bus isolators, Bus CVT's /PT's					
	d) Checking of operation of Bus isolators and their alignment including motorized operation.					
	e) Maintenance of operating mechanism & switches, etc.					
	f) Lubrication of all moving parts.					
	g) Providing of other related work assistance as may be required by Work Incharge.					
5.3	132 KV Bus Section (1 No. Supervisor + 4 Nos. Workmen)	1 section	QTR	1	1446	1446.00
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 Nos. Workmen)	1 section	QTR	1	1351	1351.00
	Total as per BSR 2011					53581.00
	Above 60% as per CLRC					32148.60
					G.Total	85729.60


Executive Engineer
 220 KV GSS RVPN
 Sawai Madhopur


Assistant Engineer (132 KV GSS)
 RVPN Lakheri

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001:2008 certified Company)

OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, NAINWA

**(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Nainwa based on RVPN
BSR for R&M work of EHV GSS & Line - 2011)**

G SCHEDULE

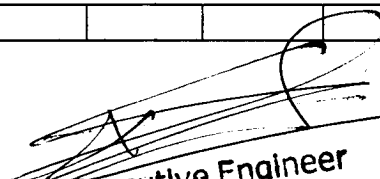
w.e.f. 01.04.2017 to 31.07.2018 (4 months)

Sl.No Code	BSR Code	Description	Qty.	Freq.	Total Qty.	Rate	Amount
1		Maintenance of Bay Equipments					
	3.0	Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker Current Transformer,Lighting Arrestors, CVTs,PLCC Equipments and corresponding Control and Relay Panels(all spares, Lubricating material and only special T&P shall be provided by RVPN.Cleaning material and generan T&P shall be arranged by the contractor)					
		(a)Checking of tightnees of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes.					
		(e)Checking of CB operation through relays and varifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	5 Bay	single	5	1892	9460.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	11 Bay	single	11	1666	18326.00
2		Maintenance of Power Transformer					
	4.0	Providing of work assistance as given below in maintanance of powe rtransformer for the following types of power transformers (all spares , lubricating material & only space T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.					

	(a)cleaning of porceline bushings						
	(b)checking of tightness of clamps & connectors						
	(c)cleaning of bucholz & oil surge relays						
	(d)Cleaning of glasses of all oil level indicators						
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided						
	(f)Attending of oil leakage from tr. Body and bushings						
	(g)Checking of oil level in oil filled bushings						
	(h)Checking of drycol air drying system						
	(i)Measurements of IR values						
	(j)Measurements of earth resistance						
	(k)testing of PRD						
	(l)Checking of trripings circuit of bucholz & WDG oil temperature controls and protection scheme.						
	(m)checking of OLTC gear operation						
	n) Checking of auto circuits of cooling bank.						
	o) Taking of oil samples for testing.						
	p) To carryout other special measurements as may be required.						
	q) Providing of other related work assistance as may be required by Work Incharge.						
4.3	132/33 kV & 132/11kV (All capacities)	3 NOs	single	3	1220	3660.00	
	(5 Nos. Workmen)					0.00	
	33/0.4 KV station supply Trf.	1 NOs	single	1	774	774.00	
	Total as per BSR 2011					32220.00	
	Above 60% as per CLRC						19332.00
					G.Total =	51552.00	

Fifty six thousand and six only

Signature of Contractor with full adress


Executive Engineer
 220 KV GSS RVPN
 Sawai Madhopur


 Assistant Engineer (132 KV GSS)
 RVPN NAINWA

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
 (An ISO 9001:2008 certified Company)
OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, Newai
(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Newai based on RVPN
BSR for R&M work of EHV GSS & Line - 2011)

G SCHEDULE

w.e.f. 01.04.2017 to 31.07.2018 (4 months)

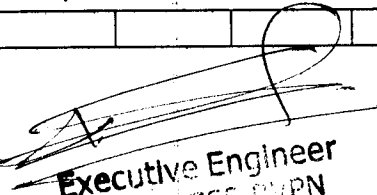
Sl.No Code	BSR Code	Description	Qty.	Freq.	Total Qty.	Rate	Amount
1		Maintenance of Bay Equipments					
	3.0	Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker Current Transformer, Lighting Arrestors, CVTs, PLCC Equipments and corresponding Control and Relay Panels(all spares, Lubricating material and only special T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor)					
		(a)Checking of tightness of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage, if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes.					
		(e)Checking of CB operation through relays and verifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6, N2, in circuit breakers/CTs, etc.					
		(i)Measurements of IR values of Las, CTs & CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments. In case oil stains are present, then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No. Supervisor+6 Nos. Workmen)	5 Bay	single	5	1892	9460.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos. Workmen)	14 Bay	single	14	1666	23324.00
2		Maintenance of Power Transformer					
	4.0	Providing of work assistance as given below in maintenance of power transformer for the following types of power transformers (all spares, lubricating material & only special T&P shall be provided by RVPN. Cleaning material and general T & P shall be arranged by the contractor.					


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	(a)cleaning of porcelaine bushings							
	(b)checking of tightness of clamps & connectors							
	(c)cleaning of bucholz & oil surge relays							
	(d)Cleaning of glasses of all oil level indicators							
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided							
	(f)Attending of oil leakage from tr. Body and bushings							
	(g)Checking of oil level in oil filled bushings							
	(h)Checking of drycol air drying system							
	(i)Measurements of IR values							
	(j)Measurements of earth resistance							
	(k)testing of PRD							
	(l)Checking of tripping circuit of bucholz & WDG oil temperature controls and protection scheme.							
	(m)checking of OLTC gear operation							
	n) Checking of auto circuits of cooling bank.							
	o) Taking of oil samples for testing.							
	p) To carryout other special measurements as may be required.							
	q) Providing of other related work assistance as may be required by Work Incharge.							
4.3	132/33 kV & 132/11kV (All capacities)	3 NOs	single	3	1220	3660.00		
	(5 Nos. Workmen)					0.00		
	33/0.4 KV station supply Trf.	1 NOs	single	1	774	774.00		
	Total as per BSR 2011						37218.00	
	Above 60% as per CLRC							22330.80
						G.Total =	59548.80	

Fifty six thousand and six only

Signature of Contractor with full adress


Executive Engineer
 220 KV GSS RVPN
 Sawai Madhopur


 Assistant Engineer (132 KV GSS)
 RVPN Newai

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001:2008 certified Company)

OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, KHANDAR

**(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Khandar based on RVPN
BSR for R&M work of EHV GSS & Line - 2011)**

G SCHEDULE

w.e.f. 01.04.2017 to 31.07.2018 (4 months)

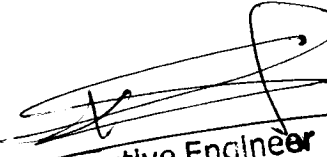
Sl.No Code	BSR Code	Description	Qty.	Freq.	Total Qty.	Rate	Amount
1		Maintenance of Bay Equipments					
	3.0	Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker Current Transformer,Lighting Arrestors, CVTs,PLCC Equipments and corresponding Control and Relay Panels(all spares, Lubricating material and only special T&P shall be provided by RVPN.Cleaning material and generan T&P shall be arranged by the contractor)					
		(a)Checking of tightnees of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
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		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	6 Bay	single	6	1892	11352.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	12 Bay	single	12	1666	19992.00
2		Maintenance of Power Transformer					
	4.0	Providing of work assistance as given below in maintanance of powe rtransformer for the following types of power transformers (all spares , lubricating material & only space T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.					


	(a)cleaning of porceline bushings					
	(b)checking of tightness of clamps & connectors					
	(c)cleaning of bucholz & oil surge relays					
	(d)Cleaning of glasses of all oil level indicators					
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided					
	(f)Attending of oil leakage from tr. Body and bushings					
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	(h)Checking of drycol air drying system					
	(i)Measurements of IR values					
	(j)Measurements of earth resistance					
	(k)testing of PRD					
	(l)Checking of trippings circuit of bucholz & WDG oil temperature controls and protection scheme.					
	(m)checking of OLTC gear operation					
	n) Checking of auto circuits of cooling bank.					
	o) Taking of oil samples for testing.					
	p) To carryout other special measurements as may be required.					
	q) Providing of other related work assistance as may be required by Work Incharge.					
4.3	132/33 kV & 132/11kV (All capacities) (5 Nos. Workmen)	3 NOs	single	3	1220	3660.00
	Total as per BSR 2011					35004.00
	Above 60% as per CLRC					21002.40
					G.Total =	56006.40

Say 56006

Fifty six thousand and six only

Signature of Contractor with full adress


Executive Engineer
 220 KV GSS RVPN
 Sawai Madhopur


 Assistant Engineer (132 KV GSS)
 RVPN KHANDAR

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO 9001:2008 certified Company)

OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, Bhadoti

(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Bhadoti based on RVPN BSR for R&M work of EHV GSS & Line - 2011)

G SCHEDULE

w.e.f. 01.04.2017 to 31.07.2018 (4 months)

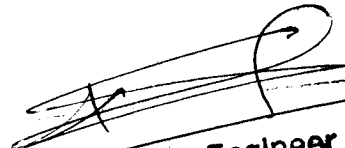
Sl.No Code	BSR Code	Description	Qty.	Freq.	Total Qty.	Rate	Amount
1		Maintenance of Bay Equipments					
	3.0	Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker Current Transformer,Lighting Arrestors, CVTs,PLCC Equipments and corresponding Control and Relay Panels(all spares, Lubricating material and only special T&P shall be provided by RVPN.Cleaning material and general T&P shall be arranged by the contractor)					
		(a)Checking of tightness of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes.					
		(e)Checking of CB operation through relays and varifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	5 Bay	single	5	1892	9460.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	10 Bay	single	10	1666	16660.00
2		Maintenance of Power Transformer					
	4.0	Providing of work assistance as given below in maintenance of power transformer for the following types of power transformers (all spares , lubricating material & only special T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.					


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	(a)cleaning of porceline bushings					
	(b)checking of tightness of clamps & connectors					
	(c)cleaning of bucholz & oil surge relays					
	(d)Cleaning of glasses of all oil level indicators					
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided					
	(f)Attending of oil leakage from tr. Body and bushings					
	(g)Checking of oil level in oil filled bushings					
	(h)Checking of drycol air drying system					
	(i)Measurements of IR values					
	(j)Measurements of earth resistance					
	(k)testing of PRD					
	(l)Checking of tripings circuit of bucholz & WDG oil temperature controls and protection scheme.					
	(m)checking of OLTC gear operation					
	n) Checking of auto circuits of cooling bank.					
	o) Taking of oil samples for testing.					
	p) To carryout other special measurements as may be required.					
	q) Providing of other related work assistance as may be required by Work Incharge.					
4.3	132/33 kV & 132/11kV (All capacities)	2 NOs	single	2	1220	2440.00
	(5 Nos. Workmen)					
	Total as per BSR 2011					28560.00
	Above 60% as per CLRC					17136.00
					G.Total =	45696.00

Fifty six thousand and six only

Signature of Contractor with full adress


Executive Engineer
 220 KV GSS RVPN
 Sawai Madhopur


 Assistant Engineer (132 KV GSS)
 RVPN Bhadoti

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
 (An ISO 9001:2008 certified Company)
OFFICE OF THE ASSISTANT ENGINEER 132 KV GSS, Uniara
(G-SCHEDULE FOR Maintenance of Bay Equipments at 132 KV GSS Uniara based on RVPN
BSR for R&M work of EHV GSS & Line - 2011)

G SCHEDULE

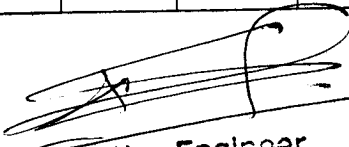
w.e.f. 01.04.2017 to 31.07.2018 (4 months)

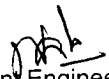
Sl.No Code	BSR Code	Description	Qty.	Freq.	Total Qty.	Rate	Amount
1		Maintenance of Bay Equipments					
	3.0	Providing of work assistance as given below in maintenance work of following bay equipments such as Circuit Breaker Current Transformer,Lighting Arrestors, CVTs,PLCC Equipments and corresponding Control and Relay Panels(all spares, Lubricating material and only special T&P shall be provided by RVPN.Cleaning material and generan T&P shall be arranged by the contractor)					
		(a)Checking of tightnees of clamps and connectors					
		(b)Cleaning of all insulators					
		(C)Attending oil leakage,if any					
		(d)Cleaning of all junction boxes and Secondary terminal boxes.					
		(e)Checking of CB operation through relays and varifying various logic and control circuits and annunciation circuits					
		(f)Measurements of CB operation timing					
		(g)Checking of Isolator operation and its alignments.					
		(h)Checking of gas pressure like SF6,N2,in circuit breakers/CTs,etc.					
		(i)Measurements of IR values of Las,CTs& CVTs.					
		(j)Lubrication of defined parts of all equipments all required points.					
		(k)Washing of equipments.Incase oil stains are present,then washing is to be done with use of detergent solution.					
		(l)Cleaning of (C&R) Panels from inside					
		(m)Providing other related work assistance as may be required by the Incharge.					
	3.3	132 KV Bay(1 No.Supervisor+6 Nos.Workmen)	4 Bay	single	4	1892	7568.00
	3.4	33 KV or 11 KV Bay(1no. Supervisor+5Nos.Workmen)	6 Bay	single	6	1666	9996.00
2		Maintenance of Power Transformer					
	4.0	Providing of work assistance as given below in maintainance of powe rtransformer for the following types of power transformers (all spares , lubricating material & only space T&P shall be provided by RVPN. Cleaning material and general T &P shall be arranged by the contractor.					

	(a)cleaning of porcelain bushings						
	(b)checking of tightness of clamps & connectors						
	(c)cleaning of bucholz & oil surge relays						
	(d)Cleaning of glasses of all oil level indicators						
	(e)cleaning of marshalling box, cooler control cubicle, thermometers etc.. As provided						
	(f)Attending of oil leakage from tr. Body and bushings						
	(g)Checking of oil level in oil filled bushings						
	(h)Checking of drycol air drying system						
	(i)Measurements of IR values						
	(j)Measurements of earth resistance						
	(k)testing of PRD						
	(l)Checking of triplings circuit of bucholz & WDG oil temperature controls and protection scheme.						
	(m)checking of OLTC gear operation						
	n) Checking of auto circuits of cooling bank.						
	o) Taking of oil samples for testing.						
	p) To carryout other special measurements as may be required.						
	q) Providing of other related work assistance as may be required by Work Incharge.						
4.3	132/33 kV & 132/11kV (All capacities)	1 NOs	single	1	1220	1220.00	
	(5 Nos. Workmen)					0.00	
	33/0.4 KV station supply Trf.	1 NOs	single	1	774	774.00	
	Total as per BSR 2011					19558.00	
	Above 60% as per CLRC						11734.80
					G.Total =	31292.80	

Fifty six thousand and six only

Signature of Contractor with full adress


Executive Engineer
220 KV GSS RVPN
Sawai Madhopur


Assistant Engineer (132 KV GSS)
RVPN uniarra