

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
**[Electrical Division]**  
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**PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AUTOMATED TESTING STATION AT DEOGARH.**

**BID REF NO :- 15/PM/ELECT/OPHWC/2026-27**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>I</b>	<b>CONSTRUCTION OF 11 KV LINE .</b>				
<b>A</b>	<b>11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR</b>				
<b>1</b>	13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)	No	5	41,030.00	205,150.00
<b>2</b>	11 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC	Mtr.	927	127.80	118,470.60
<b>3</b>	MS Channel 100x50x6 mm	Kg	27.6	92.30	2,547.48
<b>4</b>	MS channel 75x40x6 mm	Kg	20.4	92.30	1,882.92
<b>5</b>	Fish Plate 50x6 mm	Nos.	2	132.06	264.12
<b>6</b>	GI Flat 50x6 mm	Kg	7.2	106.50	766.80
<b>7</b>	GI Flat 25x6 mm	Kg	5.4	106.50	575.10
<b>8</b>	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1,150.20	5,751.00
<b>9</b>	GI Back clamp for 11 KV V Cross Arm	No.	5	113.60	568.00
<b>10</b>	Top F clamp for PSC Pole ,2.9 Kg	No.	5	340.80	1,704.00
<b>11</b>	11 KV Disc insulator B&S polymer type 70 KN	No	4	1,633.00	6,532.00
<b>12</b>	11 KV H/W fitting polymer type	Pair	4	497.00	1,988.00
<b>13</b>	PG clamp	No	4	577.63	2,310.52
<b>14</b>	11 KV Pin Insulator Polymer	No	18	284.00	5,112.00
<b>15</b>	HT Stay Set (Complete)	Set	4	1,491.00	5,964.00
<b>16</b>	HT Stay Insulator	No.	4	71.00	284.00
<b>17</b>	HT Stay Clamp	Pair	4	177.50	710.00
<b>18</b>	7/10 SWG Stay Wire ,7/3.25 mm	KG	25.2	106.50	2,683.80
<b>19</b>	7/8 SWG GIWire for earthing	KG	12.9	106.50	1,373.85
<b>20</b>	Earthing support coil type	No	5	235.72	1,178.60

21	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1,491.00	1,491.00
22	Pipe HDPE	Mtr.	3.6	56.80	204.48
23	Al cable socket 70 sq. mm	Nos.	2	21.30	42.60
24	Materials for Masonary work for earth pit	No.	1	568.00	568.00
25	Charcoal, salt etc for earthing	Kg	2.4	639.00	1,533.60
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	12.9	110.76	1,428.80
27	GI barbed wire/Anticlimbing device	Kg	13.2	113.60	1,499.52
28	Danger plate	No	7	113.60	795.20
A	<b>A. Sub total</b>				<b>373,379.99</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>11,201.40</b>
C	<b>Sub Total (C=A+B)</b>				<b>384,581.39</b>
D	<b>T&amp;P @ 2% of C</b>				<b>7,691.63</b>
E	<b>Contingency @ 3% of C</b>				<b>11,537.44</b>
F	<b>Transportation @ 7.5% of C</b>				<b>28,843.60</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>10,565.23</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>17,327.69</b>
J	<b>Total</b>				<b>460,546.99</b>
29	Fabrication and galvanisation	Kg	19.584	13.00	254.59
30	Concrete material for stay anchor plate	Nos.	3.6	1,653.00	5,950.80
31	Padding and Concreting materials for support	Nos.	5	2,837.90	14,189.50
	<b>Total Rs.</b>				<b>480,941.88</b>
<b>B</b>	<b>11 KV DP WITH AB SWITCH</b>				
1	13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)	No	4	41,030.00	164,120.00
2	MS Channel 100x50x6 mm	Kg	130	92.30	11,999.00
3	MS channel 75x40x6 mm	Kg	198	92.30	18,275.40
4	MS Angle 50x50x6 mm	Kg	99	92.30	9,137.70
5	Fish Plate 50x6 mm	Nos.	8	132.06	1,056.48
6	11 KV Disc insulator B&S polymer type 70 KN	No	12	1,633.00	19,596.00
7	11 KV H/W fitting polymer type	Pair	12	497.00	5,964.00
8	PG clamp for 100 sq. mm AAAC	No	12	823.60	9,883.20
9	GI Flat 50x6 mm	Kg	38	107.10	4,069.80
10	GI Flat 25x6 mm	Kg	36	107.10	3,855.60
11	11 KV AB Switch(400 Amp, 3 pole)	No	1	16,827.00	16,827.00
12	11 KV DO Fuse(200 A 3 pole vertical)	Set	1	4,500.00	4,500.00
13	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
14	HT Stay Set (Complete)	Set	8	1,491.00	11,928.00
15	HT Stay Insulator	No.	8	71.00	568.00

16	HT Stay Clamp	Pair	8	177.50	1,420.00
17	7/10 SWG Stay Wire ,7/3.25 mm	KG	46	106.50	4,899.00
18	7/8 SWG GIWire for earthing	KG	64	106.50	6,816.00
19	40 mm Nominal bore GI pipe(Medium Gauge)	No	6	1,491.00	8,946.00
20	Pipe HDPE	Mtr.	18	56.80	1,022.40
21	Al cable socket 70 sq. mm	Nos.	12	21.30	255.60
22	Al cable socket 95 sq. mm	Nos.	12	28.40	340.80
23	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	56	110.76	6,202.56
24	Materials for Masonary work for earth pit	No.	6	568.00	3,408.00
25	Charcoal, salt etc for earthing	Kg	12	639.00	7,668.00
26	GI barbed wire/Anticlimbing device	No	8	113.60	908.80
27	Danger plate	No	4	113.60	454.40
A	<b>A. Sub total</b>				<b>325,825.74</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>9,774.77</b>
C	<b>Sub Total (C=A+B)</b>				<b>335,600.51</b>
D	<b>T&amp;P @ 2% of C</b>				<b>6,712.01</b>
E	<b>Contingency @ 3% of C</b>				<b>10,068.02</b>
F	<b>Transportation @ 7.5% of C</b>				<b>25,170.04</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>8,452.18</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>16,655.69</b>
J	<b>Total</b>				<b>402,658.45</b>
28	Fabrication and Galvanisation	Kg	428	13.00	5,564.00
29	Concrete material for stay anchor plate	Nos.	8	1,653.00	13,224.00
30	Padding and Concreting materials for support	Nos.	4	2,837.90	11,351.60
	<b>Total Rs.</b>				<b>432,798.05</b>
C	<b>11 KV SP CUT POINT</b>				
1	75x40x6 mm Channel for Straight cross arm	Kg	130.56	92.30	12,050.69
2	11 KV Disc insulator B&S polymer type 70 KN	No	24	1,633.00	39,192.00
3	11 KV H/W fitting polymer type	Pair	24	497.00	11,928.00
4	11 KV Pin Insulator Polymer	No	12	284.00	3,408.00
5	HT Stay Set (Complete)	Set	16	1,491.00	23,856.00
6	HT Stay Insulator	No.	16	71.00	1,136.00
7	HT Stay Clamp	Pair	16	177.50	2,840.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	160	106.50	17,040.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	20	110.76	2,215.20
10	Earthing support coil type	No	4	235.72	942.88
A	<b>A. Sub total</b>				<b>114,608.77</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>3,438.26</b>

<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>118,047.03</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>2,360.94</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>3,541.41</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>8,853.53</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>11,804.70</b>
<b>12</b>	Concrete material for stay anchor plate	Nos.	16	1,653.00	26,448.00
<b>J</b>	<b>Total</b>				<b>171,055.61</b>
<b>D</b>	<b>11KV METERING UNIT</b>				
<b>1</b>	13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)	No	2	41,030.00	82,060.00
<b>2</b>	MS Channel 100x50x6 mm	Kg	162.52	92.30	15,000.60
<b>3</b>	MS channel 75x40x6 mm	Kg	49.98	92.30	4,613.15
<b>4</b>	MS angle 50x50x6 mm	Kg	54	92.30	4,984.20
<b>5</b>	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1,633.00	9,798.00
<b>6</b>	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
<b>7</b>	GI Flat 25x6 mm	Kg	50	107.10	5,355.00
<b>8</b>	HT Stay Set (Complete)	Set	4	1,491.00	5,964.00
<b>9</b>	HT Stay Insulator	No.	4	71.00	284.00
<b>10</b>	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	177.50	710.00
<b>11</b>	7/10 SWG Stay Wire ,7/3.25 mm	KG	50	106.50	5,325.00
<b>12</b>	GI Pipe for earthing 40mm dia 3mtr long	EA	4	1,491.00	5,964.00
<b>13</b>	Earthing of support Coil Type	No	2	235.72	471.44
<b>14</b>	GI Nut, Bolt & washers of different sizes	Kg	10	110.76	1,107.60
<b>15</b>	Materials for Masonary work for earth pit	No.	4	568.00	2,272.00
<b>16</b>	Charcoal, salt etc for earthing	Kg	8	639.00	5,112.00
<b>17</b>	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
<b>18</b>	Danger plate	No	2	113.60	227.20
<b>19</b>	10 core 2.5 sq. mm control cable for MU	Mtr.	20	366.36	7,327.20
<b>A</b>	<b>A. Sub total</b>				<b>160,238.99</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>4,807.17</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>165,046.16</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>3,300.92</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>4,951.38</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>12,378.46</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>4,226.09</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>8,052.44</b>
<b>J</b>	<b>Total</b>				<b>197,955.46</b>

20	Fabrication and galvanisation	Kg	266.5	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	4	1,653.00	6,612.00
22	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
23	Cubicle Room	No.	1	70,800.00	70,800.00
	<b>Total Rs.</b>				<b>284,507.76</b>
<b>II</b>	<b>INSTALLATION OF 250 KVA S/S.</b>				
<b>1</b>	11 Mtr. Long 160x160 mm GI WPB Pole(30.44 Kg/Mtr.)	No	2	35,621.00	71,242.00
<b>2</b>	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626,121.70	626,121.70
<b>3</b>	MS Channel 100x50x6 mm	Kg	51	92.30	4,707.30
<b>4</b>	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
<b>5</b>	MS angle 50x50x6 mm	Kg	27	92.30	2,492.10
<b>6</b>	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,633.00	4,899.00
<b>7</b>	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
<b>8</b>	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
<b>9</b>	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
<b>10</b>	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
<b>11</b>	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
<b>12</b>	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
<b>13</b>	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
<b>14</b>	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1,391.60	4,174.80
<b>15</b>	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80
<b>16</b>	HT Stay set complete	Set	2	1,491.00	2,982.00
<b>17</b>	7/10 SWG Stay wire	Kg	20	106.50	2,130.00
<b>18</b>	HT Stay Insulator	No.	2	71.00	142.00
<b>19</b>	HT stay clamp	Pair	2	177.50	355.00
<b>20</b>	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
<b>21</b>	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
<b>22</b>	HDPE Pipe	Mtr.	15	56.80	852.00
<b>23</b>	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12,812.84
<b>24</b>	1 core 300 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
<b>25</b>	Gland for Arm (4 core x 300 sq. mm XLPE Cable)	Nos.	4	494.82	1,979.28
<b>26</b>	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68,160.00	68,160.00
<b>27</b>	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
<b>28</b>	Al. cable socket 95 sq. mm	No	16	28.40	454.40
<b>29</b>	GI Nuts, Bolts & washers	Kg	25	110.76	2,769.00
<b>30</b>	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
<b>31</b>	Danger Plate	No	2	113.60	227.20
<b>A</b>	<b>A. Sub total</b>				<b>877,283.14</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>26,318.49</b>

<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>903,601.63</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>18,072.03</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>27,108.05</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>67,770.12</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>35,914.23</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>18,531.70</b>
<b>J</b>	<b>Total</b>				<b>1,070,997.77</b>
<b>32</b>	Fabrication & Galvanisation	<b>Kg</b>	262	13.00	3,406.00
<b>33</b>	Concrete material for stay anchor plate	No	2	1,653.00	<b>3,306.00</b>
<b>34</b>	Padding and Concreting materials for support	No	2	2,837.97	<b>5,675.94</b>
<b>35</b>	Plinth for 250 KVA transformer	No	1	22,034.00	<b>22,034.00</b>
<b>36</b>	Economic Brick Design fencing	No	1	92,622.57	<b>92,622.57</b>
<b>37</b>	Earthing pit for pipe earthing	No	5	3,700.00	<b>18,500.00</b>
	<b>Total Rs.</b>				<b>1,216,542.28</b>
	<b>Sub Total Rs.</b>				<b>2,585,845.58</b>
	<b>Cess @1%</b>				<b>25,858.46</b>
	<b>Total Estimated Cost</b>				<b>2,611,704.03</b>
	<b>Total Estimated Cost in Figures</b>				<b>2,611,704.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		In Figure _____ % In word _____ %		
Quoted Amount in Figure					
Quoted Amount in word					
N:B- The Estimated cost is exclusive of GST.					

**Signature of Tenderer with seal**

**Sd/-  
Asst. Project Manager (Elect)**

**Sd/-  
Dy. Manager (Elect)**

**Sd/-  
Project Manager (Elect)**