

Annual Turnkey Work Order for Supply, Installation, Testing and Commissioning of 11kV SF6 Insulated Ring Main Units with Supply, Laying, Testing and Commissioning of 11kV 185 Sq MM XLPE Cable with associated Electrical and Civil work under jurisdiction of Sabarmati Circle under UGVCL in Gujarat State

TENDER NOTICE No. UGVCL/PROJECT/TURKEY RMU/88									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
<b>A</b>	<b>RMU</b> : Supply, Installation, Testing & Commissioning of SF6 gas insulated, 630Amp, SCADA compatible Ring Mains Units (RMU) as per the attached specifications: preferably Siemens / ABB make as under including foundation.								
a	1 Circuit Breaker 2 Isolater	Nos	32.00		0.00	32.00		0.00	0.00
b	1 Circuit Breaker 3 Isolater	Nos	10.00		0.00	10.00		0.00	0.00
c	2 Circuit Breaker 2 Isolater	Nos	3.00		0.00	3.00		0.00	0.00
d	2 Isolator (2-Way)	Nos	1.00		0.00	1.00		0.00	0.00
<b>B</b>	<b>HT CABLE</b> : Supply, installation ,Testing & commissioning of 11 kV(E), 3 Core, 300 mm <sup>2</sup> , XLPE Insulated Aluminum Conductor, Armored cable as per enclosed specifications.(Make as approved by UGVCL)								
a	11KV(E), 3 Core, 185 mm <sup>2</sup> (Normal Laying)	Mtrs	475.00		0.00	475.00		0.00	0.00
b	11KV(E), 3 Core, 185 mm <sup>2</sup> (Push Through Laying)	Mtrs	475.00		0.00	475.00		0.00	0.00
<b>C</b>	<b>HT CABLE ACCESSARIES:</b>								
a	<b>OUT DOOR KIT:</b> HT push on/heat shrink type end termination preferably 3m(m-seal) or Raychem make at switchgear end boxes, transformer for 11 kV XLPE Insulated Aluminum Conductor Armored cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminals, crimping of lugs with suitable crimping tool FOR OUT DOOR application								
i	3c X 185 mm <sup>2</sup> 11 KV XLPE	Nos	49.00		0.00	49.00		0.00	0.00
b	<b>IN DOOR KIT:</b> HT push on/heat shrink type end termination preferably 3m(m-seal) or Raychem make at switchgear end boxes, transformer 11 kV XLPE Aluminum Conductor Armored cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminals, crimping of lugs with suitable crimping tool FOR IN DOOR application								
i	3c X 185 mm <sup>2</sup> 11 KV XLPE	Nos	140.00		0.00	140.00		0.00	0.00
c	<b>STRAIGHT JOINT:</b> HT push on/heat shrink type STRAIGHT JOINT preferably 3m(m-seal) or Raychem make for 11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting,stripping of cable, insulations, providing compression type terminals,crimping of lugs with suitable crimping tool..								
i	3c X185 mm <sup>2</sup> 11 KV XLPE	Nos.	46.00		0.00	46.00		0.00	0.00
<b>D</b>	<b>EARTHING:</b>								
a	<b>EARTHING ELECTRODS:</b> Supplying & erecting of maintained free earthing system comprising of Minimum 17 mm dia 3 mtr Long Earthing Electrode of low carbon steel electrode with 250 microns copper coating + carbon based conductive concrete back fill safe compound(resistivity of less than 0.10 ohm mtr) & copper clamp. Supply, Erecting and Install pre cast RCC Earth pit Chamber (ID/OD: 400/500, H-500), Making 100 mm Dia Bore, 3 Mtr Long, Making of Earth pit chamber in normal Soil. As per attached Drawing	Nos.	92.00		0.00	92.00		0.00	0.00
b	<b>EARTHING STRIP:</b> Supply installation & commissioning of earthing conductor 38 x 3mm G.I. strip for pole mounted transformer and up to FSP,RMU as well as connection to be made to the earth pit. Rates inclusive of hot dipped hard wares.	Mtrs.	506.00		0.00	506.00		0.00	0.00
<b>E</b>	<b>CABLE ROUTE MARKER:</b> Providing & placing cable route marker as per drawing No. UGVCL/R&D/RM-001 duly marked with "DANGER" mark, "UGVCL POWER CABLE" and arrow of route of cable made of precast RCC block in M-200 concrete of size 220x75x800mm having top width round shaped as per drawing including providing & laying reinforcement steel of 1 no. x 10 mm dia tor steel main bar and 6nos. x 8mm dia. tor steel distribution bars as per drawing including necessary excavation, form work of steel sheets, curing, finishing all the surfaces and placing in position at site incl. fixing block by providing & laying 75mm thick PCC (1:4:8) on all vertical sides & bottom of precast RCC block as per approved drawing etc. complete. (Rate is inclusive of cost of form work and reinforcement steel )	Nos				20.00		0.00	0.00
<b>TOTAL</b>						<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>Total End Cost Without GST and Cess in Rupees (A)</b>									<b>0.00</b>
Applicable Welfare Cess on Total End Cost (A) in %									
Applicable Welfare Cess on Total End Cost (A) in Rupees									
<b>Total End Cost including Welfare Cess in Rupees (B)</b>									
Applicable GST on Total End Cost (B) in %									
Applicable GST on Total End Cost (B) in Rupees									
<b>Total End Cost including GST &amp; Welfare Cess in Rupees</b>									

Date

Signature of Bidder

Stamp