

**ANNEXURE-X**

Revised Price Schedule for providing details of GST rates against NIT no. TSGP-05/2017-18 under the jurisdiction of operation circle, Gurugram

Sr. No.	Descriptions of material for which detail of taxes to be given. Taxes, levies and duties applicable on the below mentioned units be given separately in shape of tax % as applicable. Against NIT No. TSGP-05/2016-17	HSN Code	Total NIT Quantity	Unit	GST% Rates
<b>1</b>	<b>Poles</b>				
a	PCC Pole 11.0M Long (400kg working load).		658	Nos	
b	PCC Poles 9 M Long (200kg working Load)		1889	Nos	
<b>2</b>	<b>ACSR Conductor</b>				
a	100mm <sup>2</sup>		957190	Mtrs	
b	100mm <sup>2</sup> insulated		40150	Mtrs.	
<b>3</b>	<b>11 KV Insulators</b>				
a	11 KV Porcelain insulators with GI pin, nuts and washers complete suitable for insulator assembly		2388	Nos.	
b	45 KN Disc Insulator (T&C type) along with Hardwares & Accessories all complete as per Technical Specification.		3568	Nos.	
<b>4</b>	<b>LT Insulators</b>				
a	LT Insulator		8007	Nos.	
b	Egg Insulator		1048	Nos.	
<b>5</b>	<b>M.S. Galvanized Items</b>				
a	Fabrication and Supply of M.S. Galvanized items- Pole Top Bracket/hamper, V/straight-Cross arm, Guarding cross arm, Back Clamps for V/straight-Cross arm and Guard cross arm, D P Channel/angle, D P Channel clamp, Stay clamps angle, Stay clamps side, D P cross bracing & clamps, half clamp, full clamp, D-Strap, structure for mounting of isolator MS flat for knee bracing, MS Flat, Eye Screw Bolts, Transformer platform set complete, various size of angle & channel and Cable end termination/stand using total double compression brass glands etc., complete steel items as required. The weight and size of the above mentioned items shall be as per Nigam's approved latest rate list and approved drawing.		150010	Kg	
b	GI Nuts & Bolts with Washers (plain and spring)		6829	Kgs	
<b>6</b>	<b>Clamps</b>				
a	PG clamp for 100 mm <sup>2</sup> ACSR		5631	Nos.	
b	Thimbles and glands off size (Sizes up to 95 Sq. mm.)		47450	Nos.	
c	Thimbles and glands off size (Sizes above 95 Sq. mm.)		7448	Nos.	
<b>7</b>	<b>11 kV stay set assembly &amp; LT stay set assembly (excluding stay clamp &amp; fasteners)</b>				
a	Stay wire (7/8 SWG)		14990	Kgs	
b	Hardware Fittings ( 8' long complete with X-Plate 460mm of Angle 65x65x6 Elbow & rod with Discs/egg insulator etc) to complete 11kV/LT stay set		1499	Set	
<b>8</b>	<b>Earthing</b>				
a	G.I. Pipe 40 mm dia 6 mtr. Long with salt & charcoal earthing set, B-class for line		4170	Nos	
b	Earthing with G.I. Strip 25x6 mm 9 mtr. as per Drawing for line		4170	Nos	
c	Maintanance free (Chemical) Earthing with all the allied Materialas per Nigam Specifiaction for DTs, RMUs and LT feeder Panel		2712	Nos.	
d	GSL 8 SWG		25179	Kgs	
<b>9</b>	<b>11 KV 400 Amps. GO Switch complete with handle, pipe &amp; Supporting Channel. As per Nigam's Tech. Spec., relevant ISS and latest amendments</b>		304	Nos	
<b>10</b>	<b>AB Cable</b>				
a	LT XLPE AB Cable 3C x150 mm <sup>2</sup> (PH)+ 1Cx150 mm.sq.(N)+1C x125 mm.sq.(M) + 16mm <sup>2</sup> (SL)		63400	Mtrs	
b	LT XLPE AB Cable 3C x120 mm <sup>2</sup> (PH)+ 1Cx120 mm.sq.(N)+1C x70 mm.sq.(M) + 16mm <sup>2</sup> (SL)		26850	Mtrs	
c	LT XLPE AB Cable 3C x95 mm <sup>2</sup> (PH)+ 1Cx95 mm.sq.(N)+1C x70 mm.sq.(M) + 16mm <sup>2</sup> (SL)		15150	Mtrs	

<b>11</b>	<b>M.S.Galvanised Clamps and Connector for LT AB cable</b>			
a	Suspension clamps Assembly with eye hook		2117	No
b	Tension /dead end clamps (Bolted type) Assembly with eye hook		2194	Set
c	Insulated Piercing Connector as per site requirement		4455	Nos.
<b>12</b>	11kV LA (9KV)		1326	Nos
<b>13</b>	Barbed wire		2749	Kg.
<b>14</b>	Danger Plate Enameled with clamp		1042	No.
<b>15</b>	Number Plate Enameled with clamp		503	No.
<b>16</b>	Phase Plate for each phase set of 3 (On H-pole & 4 pole)		553	Set
<b>17</b>	LT Line Spacers		21154	Nos
<b>18</b>	LT distribution box (sealable with lock facility)suitable for 10 no. consumers (2 mm CRCA sheet box, Bus bars for load as per DT/Fs only with holes for incoming cable and O/G cable with rubber glands		2226	nos.
<b>19</b>	<b>HT Cables</b>			
a	3/C 400 mm2 11 kV XLPE Armoured cable		337641	Mtr
b	3/C 300 mm2 11 kV XLPE Armoured cable		39215	Mtr
c	3/C 185 mm2 11 kV XLPE Armoured cable		18825	Mtr
d	3/C 120 mm2 11 kV XLPE Armoured cable		11635	Mtr
<b>20</b>	<b>LT Cables</b>			
a	LT XLPE S/C 630 MM. sq. Un-Armoured cable		9658	Mtr
b	LT PVC S/C 300 MM. sq. Un-Armoured cable		1958	Mtr
d	LT XLPE Armoured 3.5 Core, 240 sq.mm. cable		1050	Mtr
e	LT PVC 3.5 Core 185 MM. sq. Un-Armoured cable		1000	Mtr
f	LT XLPE Armoured 3.5 Core, 120 sq.mm. cable		240	Mtr
g	LT XLPE Armoured 3.5 Core, 95 sq.mm. cable		240	Mtr
h	LT PVC Cable 2/C 10 MM. sq.		240	Mtr
i	LT PVC Cable 2/C 16 MM. sq.		240	Mtr
j	LT PVC Cable 4/C 16 MM. sq.		240	Mtr
k	LT PVC Cable 4/C 25 MM. sq.		240	Mtr
l	LT PVC Cable 4/C 50 MM. sq.		240	Mtr
m	LT PVC Cable 3.5/C 95 MM. sq.		240	Mtr
n	LT XLPE Armoured Cable 2/C 10 MM. sq.		240	Mtr
o	LT XLPE Armoured Cable 2/C 16 MM. sq.		240	Mtr
p	LT XLPE Armoured Cable 4/C 16 MM. sq.		240	Mtr
q	LT XLPE Armoured Cable 4/C 25 MM. sq.		240	Mtr
r	LT XLPE Armoured Cable 4/C 50 MM. sq.		240	Mtr
s	LT XLPE Armoured Cable 4/C 95 MM. sq.		240	Mtr
<b>21</b>	<b>Straight Jointing Kit, O/D &amp; I/D Termination Kit</b>			
a	Straight Jointing kit for 3/C 400 mm2 11 kV XLPE cable		915	No.
b	ID Termination kit for 11KV 3/C 400 mm2 XLPE Cable		648	No.
c	OD Termination kit for 11KV 3/C 400mm2 XLPE Cable		1747	No.
d	Straight Jointing kit for 3/C 300 mm2 11 kV XLPE cable		115	No.
e	ID Termination kit for 11KV 3/C 300 mm2 XLPE Cable		17	No.
f	OD Termination kit for 11KV 3/C 300mm2 XLPE Cable		261	No.
g	Straight Jointing kit for 3/C 185 mm2 11 kV XLPE cable		74	No.
h	ID Termination kit for 11KV 3/C 185 mm2 XLPE Cable		178	No.

i	OD Termination kit for 11KV 3/C 185 mm2 XLPE Cable		268	No.	
j	Straight Jointing kit for 3/C 120 mm2 11 kV XLPE cable		34	No.	
k	ID Termination kit for 11KV 3/C 120 mm2 XLPE Cable		38	No.	
l	OD Termination kit for 11KV 3/C 120 mm2 XLPE Cable		378	No.	
<b>22</b>	<b>Pipes/Cable Protection cover and Marker</b>				
a	HDPE pipe 160 mm dia for Trenchless boring & for cable raising and lowering on H Pole		157616	Mtr	
b	CI pipe 250mm dia, 14mm thick for road crossing		11920	Mtr	
c	PVC pipe of Dia 160 MM, Class-1, ISI mark along with elbow and other joint.		240	Mtr.	
d	PVC pipe of Dia 110 MM, Class-1, ISI mark along with elbow and other joint.		240	Mtr.	
e	PVC pipe of Dia 50 MM, Class-1, ISI mark along with elbow and other joint.		240	Mtr.	
f	PVC pipe of Dia 25 MM, Class-1, ISI mark along with elbow and other joint.		240	Mtr.	
g	HT cable & LT Cable protection cover RCC slabs		358909	nos.	
h	HT & LT Cable RCC Route Marker and Straight Joint maker		2908	nos.	
<b>23</b>	<b>LT Feeder panel/Fuse Unit Board</b>				
a	6 way Distribution feeder panel with 1 no ACB , 4 pole, 3phase, 415 v , 1600 Amps for incoming and 5 nos outgoing MCCB 4 pole, 3phase, 415 v , 400 Amps rating type, metering arrangement on incomer suitable for outdoor installation , in accordance with Technical Specification (Type-A)		8	Nos	
b	5 way Distribution feeder panel with 1 no ACB , 4 pole, 3phase, 415 v , 1250 Amps for incoming and 4 nos outgoing MCCB 4 pole, 3phase, 415 v , 400 Amps rating type, metering arrangement on incomer suitable for outdoor installation , in accordance with Technical Specification (Type-B)		203	Nos	
c	4 way Distribution feeder panel with 1 no ACB , 4 pole, 3phase, 415 v , 800 Amps for incoming and 3 nos outgoing MCCB 4 pole, 3phase, 415 v , 400 Amps rating type, metering arrangement on incomer suitable for outdoor installation , in accordance with Technical Specification (Type-C)		151	Nos.	
d	7- way Distribution feeder panel with 2 no MCCB , 4 pole, 3phase, 415 v , 400 Amps for incoming and 5 nos outgoing MCCB 4 pole, 3phase, 415 v , 100 Amps rating type suitable for outdoor installation , in accordance with Technical Specification (Type-D)		6	Nos	
e	3 phase, 415 V, Distribution service panel for LT, 100 Amps rating bus bar only with 12 holes for 2 nos. incoming and 10 nos. outgoing , feeder type distribution service panel suitable for outdoor installation , in accordance with Technical Specification (Type-E)		6	Nos	
f	LT fuse Board Unit with epoxy bus bar type insulators mounted on bakelite sheet size 18"x12"x10mm and aluminium bus bar L-0 strip size 6"x50mm with 6 nos. GI nut and bolts off size with double washers.		334	Nos.	
<b>24</b>	<b>Distribution T/Fs</b>				
a	1000 KVA 11/.433 KV T/F, Cu wound ,Oil Type as per IS/Nigam Specification		4	Nos.	
b	630 KVA 11/.433 KV T/F, Cu wound , Oil Type as per IS/Nigam Specification		49	Nos.	
c	400 KVA 11/.433 KV T/F, Cu wound , Oil Type as per IS/Nigam Specification		102	Nos.	
d	200 KVA 11/.433 KV T/F, Al wound, Oil Type as per IS/Nigam Specification		199	Nos.	
<b>25</b>	<b>Fencing of new DT installed on plinth, RMU and LT distribution feeder Panel including gate (Per Running meter) as per Nigam Specification</b>		12663	R/Mtr.	
<b>26</b>	<b>Optical Fiber</b>				
a	Un- Armoured Optical Fiber (48 Fibers) along with the all accessories connectors, switches and mainhoil etc. to complete the job as per Nigam Specification		309	KM	
b	PLB-HDPE (Permanently Lubricated High Density Poly Ethylene) pipe 40 mm. dia pipe for laying optical Fiber Cable.		309	KM	
<b>27</b>	<b>RMU ( Ring Main Units)</b>				
a	Outdoor type 11 KV SF6 type extensible and motorized 5 way smart Ring Main Unit (RMU) complete with three VCB and two LBS with FPI as per IS (Without FRTU) with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		4	Nos.	

b	Outdoor type 11 KV SF6 type extensible and motorized 4 way smart Ring Main Unit (RMU) complete with two VCB and two LBS with FPI as per IS (Without FRTU) with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		22	Nos.	
c	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with one VCB and two LBS with FPI as per IS (Without FRTU) with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		211	Nos.	
d	Outdoor type 11 KV SF6 type extensible and motorized 2 way smart Ring Main Unit (RMU) complete with all two LBS and with FPI per IS (Without FRTU) with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		36	Nos.	
e	Outdoor type 11 KV SF6 type extensible and motorized 2 way smart Ring Main Unit (RMU) complete with one LBS and one VCB and with FPI per IS (Without FRTU) with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		19	Nos.	
f	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with LB and with FPI as per IS with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		183	Nos.	
g	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with VCB as per IS with the provision of self powered supply through 1 kVA auxilliary power transformer 11/0.230 KV as per Nigam Specs		24	Nos.	
h	Outdoor type 11 KV SF6 type extensible and motorized 5 way smart Ring Main Unit (RMU) complete with three VCB and two LBS with FPI as per IS (Without FRTU)		49	Nos.	
i	Outdoor type 11 KV SF6 type extensible and motorized 4 way smart Ring Main Unit (RMU) complete with two VCB and two LBS with FPI as per IS (Without FRTU)		106	Nos.	
j	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with one VCB and two LBS with FPI as per IS (Without FRTU)		155	Nos.	
k	Outdoor type 11 KV SF6 type extensible and motorized 2 way smart Ring Main Unit (RMU) complete with all two LBS and with FPI per IS (Without FRTU)		14	Nos.	
l	Outdoor type 11 KV SF6 type extensible and motorized 2 way smart Ring Main Unit (RMU) complete with one LBS and one VCB and with FPI per IS (Without FRTU)		5	Nos.	
m	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with LB and with FPI as per IS		71	Nos.	
n	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with VCB as per IS		46	Nos.	
o	Outdoor type 11 KV SF6 type bus coupler/Bus dis-connector as per IS		49	Nos.	
<b>28</b>	<b>Civil Work including material required for civil work</b>				
a	Foundation for RMU for 2 way, 3 way, 4 way and 5 way units		621	No.	
b	Foundation for RMU for 1 way stand alone and extensible		373	No.	
c	Foundation for Distribution Transformer (400, 630 & 1000kVA)		242	No.	
d	Foundation for LT feeder Pillar for Type-A, B & D		218	No.	
e	Foundation for LT feeder Pillar for Type C & E		156	No.	
f	Excavation for trenches upto 2m depth for size 1000mmX1200mmX400mm with supplying & laying 100mm jamuna sand for 1 nos. cables i/c refilling the excavated earth, watering, rolling compaction etc. complete in all respects alongwith laying of cables and all necessary installation of material including HDPE pipes for road/rail crossing and for bridge crossings or as per site requirement, cable protection cover RCC slabs, Yamuna Sand, end termination, supporting structure for crossing small bridges, culverts etc., cast riser for cable joint marker, route markers, earthing material and earthing cable etc, including testing and commissioning for Laying and restoration of excavated portion to original look as far as practical possible of HT/ LT ( 3-core, 1 core) of various sizes & Optical fibre below the ground complete as per Drg./TS.		14015	Mtr.	

g	Excavation for trenches upto 2m depth for size 1000mmX1200mmX700mm with supplying & laying 100mm jamuna sand for 2 nos. cables i/c refilling the excavated earth, watering, rolling compaction etc. complete in all respects alongwith laying of cables and all necessary installation of material including HDPE pipes for road/rail crossing and for bridge crossings or as per site requirement , cable protection cover RCC slabs, Yamuna Sand, end termination, supporting structure for crossing small bridges, culverts etc. cast riser for cable joint marker, route markers, earthing material and earthing cable etc, including testing and commissioning for Laying and restoration of excavated portion to original look as far as practical possible of HT/ LT ( 3-core, 1 core) of various sizes & Optical fibre below the ground complete as per Drg./TS.		104842	Mtr	
h	Excavation for trenches upto 2m depth for size 1000mmX1200mmX1000mm with supplying & laying 100mm jamuna sand for 3 nos. cables i/c refilling the excavated earth, watering, rolling compaction etc. complete in all respects alongwith laying of cables and all necessary installation of material including HDPE pipes for road/rail crossing and for bridge crossings or as per site requirement , cable protection cover RCC slabs, Yamuna Sand, end termination, supporting structure for crossing small bridges, culverts etc. cast riser for cable joint marker, route markers, earthing material and earthing cable etc, including testing and commissioning for Laying and restoration of excavated portion to original look as far as practical possible of HT/ LT ( 3-core, 1 core) of various sizes & Optical fibre below the ground complete as per Drg./TS.		18860	Mtr	
i	Excavation for trenches upto 2m depth for size 1000mmX1200mmX1300mm with supplying & laying 100mm jamuna sand for 4 nos. cables i/c refilling the excavated earth, watering, rolling compaction etc. complete in all respects alongwith laying of cables and all necessary installation of material including HDPE pipes for road/rail crossing and for bridge crossings or as per site requirement , cable protection cover RCC slabs, Yamuna Sand, end termination, supporting structure for crossing small bridges, culverts etc. cast riser for cable joint marker, route markers, earthing material and earthing cable etc, including testing and commissioning for Laying and restoration of excavated portion to original look as far as practical possible of HT/ LT ( 3-core, 1 core) of various sizes & Optical fibre below the ground complete as per Drg./TS.		24400	Mtr	
j	Trenchless laying of HDPE and PLB-HDPE pipe by using HDD method		306861	Mtr.	
k	Cutting/repair/finishing of interlocking paver block road including labour & material		5391	Sq.Mtr.	
l	Cutting/repair/finishing of cemented concrete road including labour,material & sufficient curing		14225	Sq.Mtr.	
m	Cutting/repair/finishing of metallic(Bituminous) road including labour,material & sufficient curing		12575	Sq.Mtr.	
n	Cutting/repair/finishing of brick on edge road including labour & material		5391	Sq.Mtr.	