

ANNEXURE-A

Project : 1x500MW Unit-6Ukai TPS-400/220kV Substaion

BOQ of Illumination System- (Includes only ETC of below BOQ)

Sl. No.	Description	Units	Quantities
1.	415V AC Indoor type wall mounted Lighting Panels type-ACP-1	Nos.	2
2.	415V AC outdoor street Lighting Panels type-ACP-3	Nos.	1
3.	Industrial Luminaire with stove /vitreous enamelled reflector with 2 x 36W Flourescent lamp	Nos.	50
4.	Decorative, mirror optics, anti- glare recess mounting fluorescent fixture, T5 lamp with accessories or equivalent	Nos.	30
5.	Decorative recessed type Luminaire with mirror reflector with 2 x 36W Flourescent lamp	Nos.	04
6.	Corrosion Proof luminarie with 2x 36W Flourescent lamp	Nos.	6
7.	Recessed type luminarie with 100W GLS lamp	Nos.	5
8.	Surface mounted luminarie with 100W GLS lamp	Nos.	7
9.	Post Top Lantern Fitting with 1 no. 70 W Metal Hilade lamp	Nos.	2
10.	230V ,5/15A Receptacle Type-R1	Nos.	35
11.	415V , 63A Receptacle type Rp	Nos.	1
12.	220V DC Indoor type Lighting Panels type DCP	No.	1
13.	Pole mounted Junction Box	Nos.	4
14.	1400mm Sweep ceiling Fan with Electronic Regulator	Nos.	8
15.	415/415V , 100kVA Lighting Transformer	Nos.	2
16.	Street Lighting Fixture with 1 No. 150W Sodium Vapour lamps and all control gears with	Nos.	4
17.	Street Lighting pole type-A1	Nos.	4
18.	Post top lantern pole type-E1	Nos.	2
19.	Decorative type switchboard with adequate no. of switches and receptacles	Nos.	23
20.	Wall mounted Fan 400mm sweep with inbuilt regulator	Nos.	2
21.	Exhaust Fans	Nos.	4

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22.	25x3 mm G.I Flat	Mtrs.	100
23.	16 SWG GI wire	Mtrs.	150
24.	Illumination Erection Material for Indoor works (The material will be supplied by BHEL & contractor scope is installation and ETC works): 3 way,G.I.,circular J.B.(20mm and 25mm),4 way,G.I.,circular J.B.(20mm and 25mm),90deg,G.I.,Inspection Bend(20mm and 25mm),90deg,G.I.,Normal Bend(20mm and 25mm),Heavy duty, Saddle with base(20mm and 25mm),Heavy duty, Saddle without base(20mm and 25mm),M4X25mm, steel screw with nut and washer,G.I. check nut/lock nut(20mm and 25mm),PVC Rawl plug,6mm,Wooden screw,35mm,Earth clip/clamp(20mm and 25mm),Cleat fabrication out of 25x6mm M.S. flat(for hanging conduit in false ceiling areas, Anchor fastner(M10x75mm for cleats,M12x75mm for lighting panels),Rubber bush(20mm and 25mm),20mm,PVC ,flexible conduit,20mm,PVC ,Coupling,Swing out braket,20mm,Heavy duty,ball socket,Machine screw(for fixing surface mounting fixtures on circular J.B.), PVC closure(20mm and 25mm),Reducer (20mm and 25mm)	Lot	1