

2 X 60 MW VYASI HEP (UJVN LIMITED)										
BOQ FOR FIXTURES, LAMPS & MISC. ITEMS										
Item No.	DESCRIPTION MAIN SUPPLY ITEMS	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	Freight in % of Total Ex works	GST Rate	GST on Total Ex Works + Freight INR	Total FOR Site INR	REMARKS
1.0	Lighting Luminaires (complete with accessories)									
1.1	Luminaire Type FC02	Nos.	40							
1.2	Luminaire Type FC06	Nos.	800							
1.3	Luminaire Type FC30	Nos.	80							
1.4	Luminaire Type FC07	Nos.	60							
1.5	Luminaire Type FC33	Nos.	25							
1.6	Luminaire Type FC81	Nos.	20							
1.7	Luminaire Type SF63	Nos.	10							
1.8	Luminaire Type SF64	Nos.	20							
1.9	Luminaire Type SF66	Nos.	30							
1.10	Luminaire Type SB11	Nos.	20							
1.11	Luminaire Type SB02	Nos.	10							
1.12	Luminaire Type SB03	Nos.	40							
1.13	Luminaire Type SS62	Nos.	10							
1.14	Luminaire Type SS63	Nos.	70							
1.15	Luminaire Type MW96	Nos.	20							
2.0	Lighting Lamp									
2.1	28W T5 fluorescent tube	Nos.	1720							
2.2	150W HPSV lamp (SON-E)	Nos.	20							
2.3	250W HPSV lamp (SON-E)	Nos.	10							
2.4	400W HPSV lamp (SON-E)	Nos.	40							
2.5	125W HPMV lamp (SON-E)	Nos.	20							
2.6	150W HPSV lamp (SON-T)	Nos.	10							
2.7	250W HPSV lamp (SON-T)	Nos.	80							
2.8	400W HPSV lamp (SON-T)	Nos.	80							
2.9	14W T5 Fluorescent tube	Nos.	320							
2.10	18 W CFL	Nos.	85							
2.11	LIGHTING LAMP 70-100W CFL & LAMP HOLDER	Nos.	20							
3.0	Switch boxes for individual control of circuits									
	Switchboards consisting of switch boxes, switches, switch plates and fixing accessories.									
3.1	Type SWB1	Nos.	80							
3.2	Type SWB2	Nos.	30							
3.3	Type SWB3	Nos.	20							
4.0	Junction boxes									
4.1	Type JB-F	Nos.	1250							
4.2	Type JB-FE	Nos.	20							
4.3	Type JB-S	Nos.	50							
5.0	Receptacles									
5.1	Type RA	Nos.	30							
5.2	Type RA (Flame proof)	Nos.	2							
5.3	Type RB	Nos.	60							
5.4	Type RC	Nos.	15							
5.5	Type RC (Flame proof)	Nos.	1							
6.0	Emergency lighting Units									
6.1	With Ni-Cd battery and 2 X 10W fluorescent lamp	Nos.	5							

Item No.	DESCRIPTION	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	Freight in % of Total Ex works	GST Rate	GST on Total Ex Works + Freight INR	Total FOR Site INR	REMARKS
	MAIN SUPPLY ITEMS									
7.0	FlexiblePVC coated conduit									
7.1	20 mm dia PVC coated conduit	mtrs.	1,500							
8.0	GI wire, Flat & MS rod									
8.1	16 SWG GI wire	mtrs.	20000							
8.2	25X6 mm GI flat	mtrs.	250							
8.3	50X6mm GI flat	mtrs.	100							
8.4	20mm dia MS rod 3 mtr.	Nos.	150							
9.0	Fans									
9.1	Ceiling fan 1200 mm sweep	Nos.	5							
9.2	Ceiling fan 1400 mm sweep	Nos.	5							
9.3	Pedestal Fan	Nos.	5							
10.0	Ladder									
10.1	Free standing ladder (Adjustable from 3Mtr to 5Mtr)	Nos.	1							
10.2	Wheel mounted ladder	Nos.	1							
11.0	EXIT SIGN	Nos.	4							
12.0	STRUCTURAL STEEL	MT	1							
13.0	Hume pipe 100 mm dia	mtrs.	30							
14.0	SUPERVISION OF E&C	LOT	1			NA				
14.1	CHARGES PER VISIT	VISIT	4			NA				REFER NOTE-1, 2, 3 & 4
14.2	MANDAYS CHARGES	DAYS	16			NA				REFER NOTE-1, 2, 3 & 4
15.0	E&C SPARES	LOT	1							REFER ANNEXURE-B

NOTES

- FOR SUPERVISION OF E&C 1 (ONE) VISIT AND 6 (SIX) MANDAYS TO BE CONSIDERED. THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC & EXCLUSIVE OF TAXES.
- AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 14.1 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 14.2 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE)
- UNIT RATE FOR 14.1 AND 14.2 ARE INR 20000/- AND INR 5000/- RESPECTIVELY AND SAME IS FIRM.
- NOS. OF VISIT FOR SUPERVISION OF E&C MAY INCREASE BASED ON PROJECT REQUIREMENT.
- CONTAINERS AS PER SPECIFICATION ARE TO BE SUPPLIED ALONG WITH FIRST SUPPLIES. THE PRICE OF CONTAINER IS DEEMED TO BE INCLUDED IN PACKAGE PRICE. NO SEPARATE CHARGES SHALL BE PAYABLE.
- THE MATERIAL SHALL BE SUPPLIED IN LOTS. LOTS SHALL BE RELEASED PROGRESSIVELY BASED ON APPROVED CONDUIT LAYOUT OF DIFFERENT AREAS AND PROJECT REQUIREMENT.
- LIGHTING SYSTEM DESIGN CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR DESIGN ACTIVITY WILL BE PAYABLE.

2 X 60 MW VYASI HEP (UJVN LIMITED)									
BOQ OF MANDATORY SPARES FOR FIXTURES, LAMPS & MISC. ITEMS									
Item No.	DESCRIPTION	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	Freight in % of Total Ex works	GST Rate	GST on Total Ex Works + Freight INR	Total FOR Site INR
	MANDATORY SPARES								
1	Multiple plug power sockets suitable for								
1.1	32A/16 A	Nos.	20						
1.2	15A /5 A	Nos.	25						
2	Multiple plug suitable for								
2.1	32A/16 A	Nos.	20						
2.2	15A /5 A	Nos.	30						
3	High pressure sodium vapour lamps fittings and complete with all accessories								
3.1	Luminaire Type SF63 & 1 no. 250W HPSV lamp (SON-T)	Nos.	2						
3.2	Luminaire Type SF64 & 1 no. 400W HPSV lamp (SON-T)	Nos.	2						
3.3	Luminaire Type SF66 & 2 no. 400W HPSV lamp (SON-T)	Nos.	3						
3.4	Luminaire Type SB11 & 1 no. 150W HPSV lamp (SON-E)	Nos.	2						
3.5	Luminaire Type SB02 & 1 no. 250W HPSV lamp (SON-E)	Nos.	2						
3.6	Luminaire Type SB03 & 1 no. 400W HPSV lamp (SON-E)	Nos.	4						
3.7	Luminaire Type SS62 & 1 no. 150W HPSV lamp (SON-T)	Nos.	2						
3.8	Luminaire Type SS63 & 1 no. 250W HPSV lamp (SON-T)	Nos.	7						
4	Fluorescent lamps, fittings and complete with all accessories								
4.1	Luminaire Type FC06 & 2 nos. 28W T5 fluorescent tube	Nos.	40						
4.2	Luminaire Type FC30 & 4 nos. 14W T5 Fluorescent tube	Nos.	5						
4.3	Luminaire Type FC81 & 2 nos. 28W T5 fluorescent tube	Nos.	5						
5	DC lamps, fittings and complete with all accessories.								
5.1	Luminaire Type FC07 & 1 no. 18 W CFL	Nos.	13						
5.2	Luminaire Type FC33 & 1 no. 18 W CFL	Nos.	7						
6	HPSV lamps with electronic ballasts								
6.1	150W HPSV lamp (SON-E)	Nos.	9						
6.2	250W HPSV lamp (SON-E)	Nos.	5						
6.3	400W HPSV lamp (SON-E)	Nos.	17						
6.4	150W HPSV lamp (SON-T)	Nos.	5						
6.5	250W HPSV lamp (SON-T)	Nos.	32						
6.6	400W HPSV lamp (SON-T)	Nos.	32						
7	Low wattage lamps								
7.1	Low wattage lamps (14W FTL)	Nos.	50						
NOTES									
1 THE ABOVE QUANTITIES ARE ORDER QUANTITY FOR MANDATORY SPARES, FOR ANY ADDITION/DELETION IN ITEM OR ITEM QUANTITY OF MANDATORY SPARES DURING DETAILED ENGINEERING UNIT PRICE OF ITEM SHALL BE USED.									

2 X 60 MW VYASI HEP (UJVN LIMITED)									
BOQ OF E&C SPARES FOR FIXTURES, LAMPS & MISC. ITEMS (ANNEXURE-B)									
Item No.	DESCRIPTION	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	Freight in % of Total Ex works	GST Rate	GST on Total Ex Works + Freight INR	Total FOR Site INR
	E&C SPARES								
1.0	Lighting Luminaires (complete with accessories)								
1.1	Luminaire Type FC02	Nos.	2						
1.2	Luminaire Type FC06	Nos.	15						
1.3	Luminaire Type FC30	Nos.	2						
1.4	Luminaire Type FC07	Nos.	2						
1.5	Luminaire Type FC33	Nos.	2						
1.6	Luminaire Type SB03	Nos.	2						
1.7	Luminaire Type SS63	Nos.	2						
1.8	Luminaire Type MW96	Nos.	2						
2.0	Lighting Lamp								
2.1	28W T5 fluorescent tube	Nos.	34						
2.2	400W HPSV lamp (SON-E)	Nos.	2						
2.3	125W HPMV lamp	Nos.	2						
2.4	250W HPSV lamp (SON-T)	Nos.	2						
2.5	14W T5 Fluorescent tube	Nos.	8						
2.6	18 W CFL	Nos.	4						
2.7	70-100 W CFL LAMP WITH LAMP HOLDER	Nos.	2						