

SCHEDULE OF QUANTITY

Name of Work:	A/R & M/O LWSS Chansari Seogi Kinja in Tehsil Sadar Distt. Kullu (HP) (S. H :- Supplying, Erection and Fixing of Sheet Metal Cubical Pannel Pedestal including connections etc. complete and its allied accessories for 125 HP Pumping Machinery)	Estimated cost Rs.	₹ 696,986.00			
		Earnest Money	₹ 13,934.00			
		Time Limit :-	3 Months			
Sl. No.	Description of work	No.or Qty.	Unit	RATES		AMOUNT Rs. P
				Figures	Words	
1	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation, made from 1.6 mm thick M.S. sheet duly fabricated in a segregated manner for housing of switch fuse units, by welding each compartment on five sides & front side hinged, complete with locking arrangement, with sufficient No. vertical and horizontal intermediate switchgear housing compartments. The cubical pedestal shall have cable entry box at one or two sides, with epoxy powder coated approved paint and bonding to the existing earth etc. The same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plate-form:-					
1.1	450 mm deep (nominal)	1	Each			
1.2	Providing & Fixing (C.T.) Current Transformer 250/5 A of reputed Make complete in all respects in all leads and lifts.	6	Each			
1.3	Providing & Fixing Ampere Metre Square Flush 96 mm of Capital/AE Make 0 to 500 amp. complete in all respects in all leads and lifts.	2	Each			
1.4	Providing & Fixing Volt Metre Square Flush of Capital/AE Make 0 to 500 Volt complete in all respects in all leads and lifts.	1	Each			
1.5	Providing & Fixing selector switches of reputed Make complete in all respects in all leads and lifts.	3	Each			
1.6	Providing and fixing insulator bracket in all leads and lifts.	8	Each			
1.7	Providing & Fixing indicator lamp of reputed Make complete in all respects in all leads and lifts.	3	Each			
1.8	Providing and Fixing 20 KVAR Power Factor Shunt Capacitor double die-electric oil filled three terminal for three phase of reputed ISI marked i.e. Crompton Greaves/ L&T / Havells make complete job with fixing and testing as required by Engineer-in-Charge at site of work.	2	Each			
1.9	Wiring for circuit / sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
1.9 (i)	i) 2 x 2.50 Sq. mm.	6	Per Meter			
1.9.(ii)	ii) 2 x 95.00 Sq. mm.	10	Per Meter			
1.10	Busbar chamber having 3 copper bars of suitable rating for full length equal to width of board of 3 live phases and one copper bar of half rating of full length for neutral conforming to BIS 8084-1976 and 11353-1985 read with 5578-1985 all latest with upto date amendments. 300 amp.	1	Per Set			
1.11	Providing and fixing TP&N switch disconnector fuse unit cubical type, 415/500 volts with 3 No. HBC/HRC fuses, in sheet steel enclosure including drilling holes on the board, connections, earthing the body etc. as required. 250 Amp. Category-A	2	Each			
1.12	Supplying and fixing following rating, 3 pole (three phase & neutral) 240 volts, moulded case circuit breaker with fixed Thermal Magnetic Setting (MCCB) 42 KA/30KA, having a sensitivity current up to 300 miliampers complete with connections, testing and commissioning etc. as required.(400 Amps.)	1	Each			
1.13	Earth leakage relay of reputed make with trip/reset bush button on/ off indicators.	1	Each			
2	Providing and Fixing Cast Steel Sluice Valve of Leader / Kirloskar / Kilburn / Linecon / Pelicon or reputed make (B.S. 1414) Class ASA - 600 to delivery of pump with flange Table - 28 with Nut & Bolts and Gasket including complete process of opening of existing valve and fixing new valve by all means complete job in all respect. The diameter of valve as mentioned below complete in all leads and lifts and to the entire satisfaction of the Engineer - in - Charge.100 MM Dia. ASA- 600	2	Each			
3	Providing and Fixing Cast Steel Non Return Valve of Leader / Kirloskar / Kilburn / Linecon / Pelicon or reputed make (B.S. 1414) Class ASA - 600 to delivery of pump with flange Table - 28 with Nut & Bolts and Gasket including complete process of opening of existing valve and fixing new valve by all means complete job in all respect. The diameter of valve as mentioned below complete in all leads and lifts and to the entire satisfaction of the Engineer - in - Charge.100 MM Dia. ASA- 600	2	Each			
4	Providing and Fixing Cast Steel Non Return Valve of Leader / Kirloskar / Kilburn / Linecon / Pelicon or reputed make (B.S. 1414) Class ASA - 600 to R.Main including complete process of opening of existing valve and fixing new valve by all means complete job in all respect. The diameter of valve as mentioned below complete in all leads and lifts and to the entire satisfaction of the Engineer - in - Charge. 125 MM Dia. ASA-600	1	Each			
5	Providing and Fixing Cast Steel Sluice Valve of Leader / Kirloskar / Kilburn / Linecon / Pelicon or reputed make (B.S. 1414) Class ASA - 300 with flange Table - 28 with Nut & Bolts and Gasket including complete process of opening of existing valve and fixing new valve by all means complete job in all respect. The diameter of valve as mentioned below complete in all leads and lifts and to the entire satisfaction of the Engineer - in - Charge. 80 MM Dia. ASA-300	1	Each			
6	Providing and Fixing Suitable Auto Transformer Starter 125.00 HP of MEI or reputed Make as per IS:8544-1979 with upto date amendments for squirrel cage / slip ring motor mounted on panel board with magnetic type overload release and dashpot time lag under voltage release with or without initial oil filling as the case may be with single phase preventer as per IS:1248 (P - IO 1983 with upto date amendments complete in all respect and to the entire satisfaction of the Engineer - in - Charge.	1	Each			
7	Providing and Fixing Single Core Copper Conductor 95.00 Sq. mm PVC Insulated Industrial and Panel wiring Cables (Unsheathed) 1100 Volts conforming to IS 694/1990 latest with upto date amendments of Finolex / Havell's / L&T / Standard make in all leads and lifts.	15	Per Meter			
8	Providing and Fixing Single Core Copper Conductor 70.00 Sq. mm PVC Insulated Industrial and Panel wiring Cables (Unsheathed) 1100 Volts conforming to IS 694/1990 latest with upto date amendments of Finolex / Havell's / L&T / Standard make in all leads and lifts.	28	Per Meter			

Conditions

- The work shall be done by the contractor as per HP IPH specifications in practice , IS codes and to the satisfaction of the Engineer-in-Charge.
- Security, Income tax, labour cess will be deducted from each bill as per latest Govt.amendments.
- GST as applicable shall be paid separately as per latest notification of Government.
- Nothing shall be paid for defective/incomplete work/rejected materials.
- The work should be completed with in the stipulated period as mentioned.
- The contractor shall be responsible for any loss /damage /theft of materials while in his custody.
- Useable material found at site while execution will be stacked properly and the same will be the property of the department.
- The material should be ISI marked of reputed make and to the entire satisfaction of Engineer-in-charge
- The cost of employer provident fund (EPF) & employer state insurance (ESIC) shall be borne by the contractor. Deposit of the same will be firm/contractor's responsibility

**Executive Engineer,
I&P.H.Division No.1, Kullu.**