

पनवेल महानगरपालिका
जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका हद्दीतील प्रभाग समिती - अ, खारघर, सेक्टर - १३, भुखंड क्र. १३७ येथे सामाजिक सभागृह बांधणे या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरीता खालील नमूण्यात दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीतील प्रभाग समिती - अ, खारघर, सेक्टर - १३, भुखंड क्र. १३७ येथे सामाजिक सभागृह बांधणे	१५/०९/२०२५ ते २१/०९/२०२५ (७ दिवस)

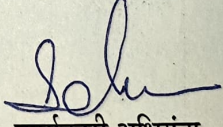
Specification

Sr. No	DESCRIPTION	Quantity	Unit
1	The LV switchboard shall be type tested assemblies, all type tests as defined in latest IEC 61439-1&2. Also it should comply IEC 61641 Internal arc withstand for 100 kA for 0.3 Sec. LT panels must be built up from compartment housing, circuit breakers, control-gear, relays, busbars, controls and other items of equipment as per BOQ. Low Voltage switchgear & control gear must comply IEC 60 947 /IS 13947. The Short circuit current with minimum duration of 1sec. for LV switchgear panels shall be as indicated in SLD.		
	The LV Main Switchboard shall be identical in mechanical construction to the LV Switchboard which had been type-tested by an acceptable, multi-fold design with impact test IK07-IK10. The design temperature for the equipment provided in the main low voltage switchboards shall be +50°C. the switchboard shall be of form 4b, for form of separation only metallic compartmentalization shall be used, Hylem / PVC sheets shall not be allowed.		
	Switch board panels and cubicles shall be fabricated with CRCA Sheet Steel of thickness not less than 2.0 mm. Busbars shall be made of high conductivity, and high strength Aluminum E91 grade Busbars shall be of rectangular cross sections, not more than 6mm thickness better suitable for full load current for phase bus bars and half/ full rated current for neutral bus bar or as stipulated in schedule of quantities. Busbar shall be suitable to withstand the stresses of fault level as specified in schedule of quantities.		
	The material and the spacing of the Busbar supports should be same as per the type tested assembly. Busbar shall be tin plated with silver contacts. The cables and control wires shall be suitable for withstanding 105 deg C. Paint shall be RAL 7032 powder coated or as per the directives of engineer in charge. All panels must be designed, tested & manufactured as per IEC61439- 1 & 2 & IEC 61921 reference standard. (Panels shall be designed as per SLD attached)		
1.1	LT DISTRIBUTION PANEL	1	Job
	Providing & erecting 2No. 4 Pole MCCB 415V, 400A, rated short-circuit breaking capacity 36 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	Supplying and erecting 1No. ON LOAD four pole automatic transfer switch, 415V, 400A, 50 Hz with enclosure, flexibility of neutral connection, line and load reversibility, changeover with phase barriers, source separator, terminal covers along with staggered termination for cable connection and ATS controller with provision of time delay protection of OV, UV, phase sequence changing, single phasing and event logging, connected with provided leads complete complying to IS/IEC 60947-3 Part-1/6.		
	Multifunction meter equivalent to conserv EM 6400 with RS-485 communication port.		

	6 Nos. phase indicating lamps backed up with MCB		
	ON/OFF/Trip indicating lamp on incomer feeder for indicating the status of feeder.		
	Protective devices		
	The Transformer incoming ACB shall be provided with the following protective devices.		
	Combined Under voltage and over voltage relay, 3 Phase with Time delay setting.		
	Separate CT's shall be provided for protective system and measuring system.		
	2 no. of CT on Yellow phase for Automatic power factor correction relay on the incoming breaker.		
	Bus Bar		
	500 Amp. TPN Aluminium Bus Bars of suitable length and of cross-section not less than 1.2 sq. mm/amp.		
	Bus bars shall be insulated by heat shrinkable sleeves and clip on shrouds for joints. Bus Bar shall be designed to withstand a fault level of 58 KA at 415 Volts.		
	All outgoing feeders shall be provided with one sets of ON/OFF lamps with protection MCB, and Ammeter		
	2No. 4 Pole MCCB 415V, 320A, rated short-circuit breaking capacity 36kA (Ics=100% of Icu) adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	1No. 4 Pole MCCB 415V, 200A, rated short-circuit breaking capacity 36kA (Ics=100% of Icu) adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	1No. 4 Pole MCCB 415V, 160A, rated short-circuit breaking capacity 36kA (Ics=100% of Icu) adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	2No. 4 Pole MCCB 415V, 125A, rated short-circuit breaking capacity 36kA (Ics=100% of Icu) adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	1No. 4 Pole MCCB 415V, 100A, rated short-circuit breaking capacity 36kA (Ics=100% of Icu) adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel.		
	3No. F1 MCB 63A, with rated short circuit breaking capacity (Icn) 10kA		
	6No. F1 MCB 40A, with rated short circuit breaking capacity (Icn) 10kA		
	6No. DP MCB 32A, with rated short circuit breaking capacity (Icn) 10kA		
	3No. DP MCB 16A, with rated short circuit breaking capacity (Icn) 10kA		
2	Hydraulic Car Lift	1	Job
	SITC of Hydraulic Car Lift with all required coordination with respective inspector to obtain all required statutory permission as applicable, including all PWD license certificate.		
	Load & speed leveling : About 3000kgs Capacity @ 0.3 mtrs per second.		
	Travel : G+E floors. About 4m, Overhead 4m.		
	Stops & Opening : 2 stop, 2 openings (Opp Side Opening)		
	Power Supply : 400 Volts, 3 Phase, 50 Cycles, Alternating Current.		
	Lighting Supply : 230 Volts, Single Phase, and 50 Cycles.		
	Control : 110-Volt Microprocessor down collective control.		

Operation : Dual push button Control		
Pit : 1300mm		
Machine : Hydraulic Power pack		
Cabin in side : About 2650 mm Wide x 5876 mm Deep x 2300 mm High		
Hoistway available : Required: Width- 3800mm (Min) to 3999mm (Max), Depth- 6425mm (Min) to 6624mm (Max) & Available: 3800mm Wide x 6500mm Deep		
Car Enclosure : Car Lift Cabin: SS304 Hairline Finish MS Chequered Plate Ceiling Design: Spot Light Cabin Ventilation Type - Round Fan		
CAR DOOR : 6 Panel Center Bi-Parting (SS304 HL)		
Landing Entrance : Ground floor landing: 6 Panel Center Bi-Parting (SS304 HL) Rest all landings: 6 Panel Center Bi-Parting (SS304 HL)		
Door Opening : 2650 mm Wide x 2300 mm High		
Safety Gear : Instantaneous		
Features : Up/Down Direction Arrow on all Landings Battery Operated Emergency Bell & Light Audio Visual Guiding System CPI/HPI (Dot Matrix Display) in Car and All Landings Intercom Handsfree Auto Fan Off Overload Audio/Visual Alarm Automatic Rescue Device IR Curtain For Car Door Landing Radar Sensor For Call Generation On All Floor and Cabin to Ground Floor CAT6 Cable (Eros Scope) & Other Material (Customer Scope) 2 Nos. Car Push Button Panel Car Occupancy Indicator on each landing Door Re-open feature from Landing Call button Repeated attempt for door closing Phase failure & Phase reversal protection Anti-Crep function Motor Overheat Protection		

वर नमूद सुचित दर्शविलेल्या बाबींचे पुरवठा करणारे पुरवठादार/दुकानदार/उत्पादक/विक्रेते यांनी नमूद केलेल्या बाबींकरिता असलेले दर स्वतःच्या लेटरहेडवर महापालिकेच्या कार्यालयात अथवा ई-मेल द्वारे pmcbandhkamdept01@gmail.com यावर दिनांक २१/०७/२०२५ पर्यंत पाठवावे ही विनंती, सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.


कार्यकारी अभियंता
पनवेल महानगरपालिका

जा.क्र पमपा/बांधकाम/४६२५/प्र.क्र.०१/२४५२/२०२५, दि.१४/०७/२०२५

प्रत माहितीस्त्व — १. माहिती फलक करिता