

पनवेल महानगरपालिका
जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका हद्दीतील पनवेल शहरातील अमरधाम स्मशानभूमी (अ. भु. क्र. १०६) येथील नादुरुस्त गॅस दाहिनी बदलून नवीन गॅस दाहिनी बसवणे या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरीता खालील नमूण्यात दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीतील पनवेल शहरातील अमरधाम स्मशानभूमी (अ. भु. क्र. १०६) येथील नादुरुस्त गॅस दाहिनी बदलून नवीन गॅस दाहिनी बसवणे.	२३/०८/२०२६ ते २८/०८/२०२६ (७ दिवस)

पनवेल महानगरपालिका हद्दीतील पनवेल शहरातील अमरधाम स्मशानभूमी (अ. भु. क्र. १०६) येथील नादुरुस्त गॅस दाहिनी बदलून नवीन गॅस दाहिनी बसवणे.					
Sr. No	Description of Work	UOM	Qty	Rate	Total
1	Dismantling, demolishing and removing the existing gas-fired crematorium system, including existing chamber cremator, refractory lining, burners, gas train, control panel, electrical connections, flue gas ducting, dampers, scrubber, blower, piping, accessories and all other associated equipment, complete with careful disconnection of gas, electrical and other services. The work shall include dismantling of the existing M.S. chimney of approximately 30 m height, including structural members, supports, flanges, platforms, ladders, bracing, base connections and associated components, using suitable equipment, tools, tackles, lifting arrangements and safety measures. The dismantled materials shall be carefully lowered, segregated and shifted to the location within the premises as directed by the Engineer-in-Charge. Unserviceable debris, refractory material and other waste materials shall be removed and disposed of at an approved location as directed by the Engineer-in-Charge. The item shall include all labour, machinery, scaffolding, lifting equipment, transportation within the premises, safety arrangements, barricading and making the site safe and clean after completion, complete in all respects as directed by the Engineer-in-Charge.	Job	1		
2	Supply, Installation, Testing & commissioning of gas fired Double Chamber	Job	1		

	crematorium LPG Gas crematorium System with required accessories and safety features including 3 years comprehensive warranty and 1-year successful operation and maintenance after installation. (As per attached technical specification)				
3	SS Fabricated Hydraulically operated (Up & Down) fully automatic Body Charging Trolley, with manually operating system.	Nos	1		
4	Wet scrubber Ventury type unit with water pump & SS304 Spray Nozzles, MOC SS304 Water Scrubber-This shall be provided to control air pollution emission within 150mg/M ³ as specification by Maharashtra Pollution Control Board. The water scrubber shall be fabricated out of 3mm thick AISI 304 SS plate & provided with specially designed spray nozzles, mist eliminator, dampers etc. This is coupled with AISI 304 SS suction blower for efficient scrubbing of flue gases. The scrubbers are available in vertical or horizontal or as per site conditions. The inlet water connection & drain connection, etc.	Nos	1		
5	Supply, Installation & commissioning of M S self-supported 30 Mtr. Height chimney. With RCC Chimney Foundation, for detail refer the attached technical specifications.	Job	1		
6	3-year comprehensive and maintenance (Note: The maintenance period shall commence after completion of 1 (one) year from the date of successful installation and commissioning of the system.)	Year	3		
	TOTAL				

TECHNICAL SPECIFICATION OF LPG SHAV DAHINI

Type	Gas Shav Dahini
Crematorium capacity	60-80 kg/hr.
Overall dimension of incinerator	3.2 M (L) x 1.7 M (W) x 3.5 M (H) Appx.
NO of chamber	2 No's Primary & Secondary
Burner	3 Nos (Wesman/Continental/Equivalent Make) 2 Nos for Primary & 1 No for Secondary.
Cremation chamber size. (Primary)	2.4 M (L) x 1 M (W) x 1.1 (H) Appx.
Post Combustion (Secondary Chamber)	1.5 M (L) x 0.5 M (W) x 0.8 (H) Appx.

Cremation furnace structure	72X72MM M.S. Square tube framework covered with 2 mm thick SS304 Decorative sheets.
Charging door.	SS304 fabricated internally insulated with ceramic wool 128kg/m ³ density 1260°C & provided with Vertically electric operating system bearing block shaft, chain, sprocket, reducing gear motor etc.
Body Charging Trolley	SS Fabricated Hydraulically operated (Up & Down) fully automatic Body Charging Trolley
Power system	3-phase/415 volts/50Hzs with neutral.
Operating load.	20 KW
Operating Temp.	600-900 °C.
Refractory bricks.	Alkali Resistant high density refractory brick & superior suitable for 1260°C temperature.
Insulation bricks.	Conforming to IS-2042 & superior low thermal insulation material to reduce heat losses.
Combustion air blower.	Appx. 225 CFM centrifugal type 5 HP 1440 RPM Induction motor Crompton/Siemens/Kirloskar make. Provided with air flow control damper & pipe line up to burners.
Exhaust air blower.	Appx. 200 CFM centrifugal type 2 HP 1440 RPM Induction motor Crompton/Siemens/Kirloskar make. Made out of 304 SS materials.
Combustion System	Supply & installing Gas fired reputed WESMAN/CONTINENTAL/ECOFLAME/REILO make 150 KW Each PNG burners of suitable location for cremator complete the wastage. The burner size and specifications is standard size & spares should be easily available in the market. 2 Nos of Burner for primary & 1 No for secondary chamber with all control's, solenoid valves, sparkplug, flame sensing rod, HT transformer Etc.
Control panel.	This shall be made out of 14 SWG SS sheet metal work. The control panel is very simple in operation & maintenance. If incorporates all switchgears required for furnace equipment, Sequence Controller, etc. It also includes Ammeter, Contactor, relay Voltmeter, Energy meter temp. Controller, terminals etc. All internal wiring is done with copper conductors suitable for 1.1 KV. Power connection to the control panel. All switchgear should be Siemens L&T MAKE
Cabling & Earthing.	From furnace control panel to all furnace equipment are provided with armored PVC insulated copper conductor cable along with earthing, earth pits in proper manner, Cable Make: - Polycab/ Finolex / RR cable.

Water scrubber	This shall be provided to control air pollution emission within 150mg/M ³ as specification by Maharashtra Pollution Control Board. The water scrubber shall be fabricated out of 3 mm thick AISI 304 SS plate & provided with specially designed spray nozzles, mist eliminator, dampers etc. These is coupled with AISI 304 SS suction blower for efficient scrubbing of flue gases. The scrubbers are available in vertical or horizontal as per site conditions. The inlet water connection & drain connection, etc. complete. SS304 Ducting suitable size up to chimney.
M.S. Chimney	Chimney offered is self-supporting made out of suitable M.S. BQ plates provided with ladder, platform for air pollution monitoring purpose. The chimney height up to 30.5MTR with necessary EN-8 foundation bolts. Bottom Dia 900 mm Top Dia 320mm and Bottom shell 10mm Thk. 1 no, middle shell 8mm Thk. 2 Nos & top shell 2 Nos 6mm Thk, suitable size flanges, ribs, Gasket & HT bolts. The chimney tope shall be provided with SS canopy, copper lighting arrestor with G.I. earthing strip & earth pit. The chimney shall be internally painted with heat resistant aluminum base paint & externally with black epoxy paint chimney shall be conforming IS.

वर नमूद सुचित दर्शविलेल्या बाबींचे पुरवठा करणारे पुरवठादार/दुकानदार/उत्पादक/विक्रेते यांनी नमूद केलेल्या बाबींकरीता असलेले दर स्वतःच्या लेटरहेडवर महापालिकेच्या कार्यालयात अथवा ई-मेल द्वारे pmcbandhkardept01@gmail.com यावर दिनांक २९/०९/२०२६ पर्यंत पाठवावे ही विनंती, सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.



शहर अभियंता
पनवेल महानगरपालिका

जा.क्र पमपा/बांधकाम/ ४३२६ /प्र.क्र.०३/३२६७/२०२६,
दि. ११/०९/२०२६

प्रत माहितीस्तव — १. माहिती फलक करीता