



महाराष्ट्र शासन

जलसंपदा विभाग, कार्यकारी अभियंता, यांत्रिकी विभाग, अकोला
मंगरुळपीर रोड, खडकी, अकोला ४४४००४

दुरध्वनी क्र. ०७२४-२४८८५४६

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No. 1177

जी.क्र. /लेखा शाखा /सन-२०२५/

दि. 29 APR 2025

प्रति,

माहिती व जनसंपर्क महासंचालनालय,
महाराष्ट्र शासन, हुतात्मा राजगुरू चौक, मादामकामा मार्ग,
तळमजला मुख्य इमारत, मुंबई - ४०००३२

विषय—या विभागीय कार्यालयाची बजेटरी ऑफर क्र. २ सन २०२५-२६ वर्तमान पत्रात प्रसिध्द करणे बाबत.

महोदय,

या पत्रासोबत या विभागीय कार्यालयाची बजेटरी ऑफर क्र. २ सन २०२५-२६ वृत्तपत्रामध्ये प्रसिध्दीसाठी पाठविणेत येत आहे. कृपया ती प्रसिध्दीसाठी पाठवावी व त्याचे दर या कार्यालयास कळवावे.

कार्यालयाचे नाव व पत्ता

⇒ कार्यकारी अभियंता, यांत्रिकी विभाग, मंगरुळपीर रोड,
खडकी, अकोला.

इ निविदा प्रसिध्दीचे दिनांक

⇒ दिनांक 06.05.2025

इ निविदा प्रसिध्दीचे स्वरूप

⇒ नियमानुसार

ज्या जिल्हयात काम करावयाचे आहे

त्या जिल्हयाचे नाव

⇒ अमरावती

वृत्तपत्राचे नाव

⇒ नियमानुसार

इ निविदा किती वेळा प्रसिध्द

करावयाची आहे.


⇒ एक वेळा फक्त

प्रसिध्दी बिलाचे भुगतान

⇒ कार्यकारी अभियंता, यांत्रिकी विभाग, अकोला.
कामाची अंदाजे किंमत रु. ३ कोटी

सोबत प्रसिध्द करावयाची बजेटरी ऑफर ४ प्रतीत जोडण्यात येत आहे. जाहीरात व मसूदा हा जास्तीत जास्त ए-5 साईज मध्येच छापण्याबाबत सुचना द्याव्यात. त्यापेक्षा जास्त रकमेचे देयक या कार्यालयास स्विकारता येणार नाही. तरी सदर निविदा सुचना प्रसिध्द करण्यात यावी. ही विनंती.

सहपत्र :- बजेटरी ऑफर क्र. बजेटरी ऑफर क्र. २ सन २०२५-२६ - ४ प्रतीत


(वि.ल.वराडे)

कार्यकारी अभियंता
यांत्रिकी विभाग
अकोला

प्रत :-मा. अधिक्षक अभियंता, यांत्रिकी मंडळ, नागपूर यांना माहिती करिता सविनय सादर.

सहपत्र:- बजेटरी ऑफर क्र. २ सन २०२५-२६ - 1 प्रतीत

प्रत :-उपअभियंता, द्वार निर्मिती व उभारणी उपविभाग क्र २, अकोला याना माहिती व पुढील कार्यवाहीस्तव अग्रेषित

सहपत्र:- बजेटरी ऑफर क्र. २ सन २०२५-२६ - 1 प्रतीत

प्रत :- लेखा शाखा (श्री शिरसाठ बाबु, व. ली. यांनी सदर बजेटरी ऑफर अधिकृत website वरती विहित कालावधी मध्ये अपलोड करावी.)

सहपत्र:- बजेटरी ऑफर क्र. २ सन २०२५-२६ - 1 प्रतीत

प्रत :-नोटिस बोर्डावर लावण्याकरिता

सहपत्र :- बजेटरी ऑफर क्र. २ सन २०२५-२६ - 1 प्रतीत

प्रत:-संकलन धारिका २०२५-२६ सहपत्र :- बजेटरी ऑफर क्र. २ सन २०२५-२६ - 1 प्रतीत



सत्यमेव जयते

Government of Maharashtra
Water Resources Department

Budgetary Offer No. 2 / 2025-2026

शासन परिपत्रक क्र. दरसूची २३१०/(५४/१०) लपा-२/मंत्रालय मुंबई - ४०००३२, दि.०३.०६.२०१० यातील तरतुदीनुसार, जलसंपदा विभागाच्या दरसूचीमध्ये अंतर्भूत नसलेल्या बाबींचे (नॉन डी.एस.आर.) दर ठरविणे करिता मार्गदर्शक सूचनान्वये कार्यकारी अभियंता, यांत्रिकी विभाग, अकोला, मंगळूरपीर रोड, खडकी अकोला - ४४४००४, दुरध्वनी क्र. ०७२४-२४८८५४६, Email-ID - mdakl@rediffmail.com याचे कार्यालयांतर्गत खालील कामाकरिता सदर कामाचा अनुभव असलेल्या अभिकरणाकडून बजेटरी ऑफर्स मागविण्यात येत आहे. बजेटरी ऑफर्स या कार्यालयात दि. १३/०५/२०२५ पर्यंत पोहचणे आवश्यक आहे. सविस्तर मुददेनिहाय तपशिल www.mahayatriki.gov.in या संकेतस्थळावर निविदा पोर्टल वर उपलब्ध आहे.

Subject : - Design, Manufacturing, Supply, Erection, Testing & Commissioning of Submerged centrifugal Pump of 326 HP x 3 Nos with allied electromechanical equipments etc at Bordinala Lift Irrigation scheme Ta- Chandurbazar Dist - Amravati

अ.क्र.	कामाचे नांव	बजेटरी ऑफर पाठविण्याचे ठिकाण	बजेटरी ऑफर करिता महत्त्वाचा दिनांक
१	Design, Manufacturing, Supply, Erection, Testing & Commissioning of Submerged centrifugal Pump of 326 HP x 3 Nos with allied electromechanical equipments etc at Bordinala Lift Irrigation scheme Ta- Chandurbazar Dist - Amravati	कार्यालय - कार्यकारी अभियंता, यांत्रिकी विभाग, अकोला, पोस्ट बॉक्स नं. - ५८, मंगळूरपीर रोड, खडकी, अकोला	1) प्रसिध्दीचा दिनांक - ०६/०५/२०२५ 2) बजेटरी ऑफर्स कार्यालयात सादर करण्याचा कालावधी ०८ दिवस - दि. ०६/०५/२०२५ ते दि. १३/०५/२०२५ 3) बजेटरी ऑफर उघडण्याचा दिनांक - १६/०५/२०२५

शर्ती :-

- 1) सदर बजेटरी ऑफर केवळ अंदाजपत्रकीय कार्यवाही करिता मागविण्यात येत आहे.
- 2) बजेटरी ऑफर चे दरांवरिल सर्व लागू कर वेगळे दर्शविण्यात यावे.
- 3) बजेटरी ऑफर या कार्यालयाचे ई-मेल mdakl@rediffmail.com वर सुध्दा स्विकारल्या जातील.

(Signature)

(वि. ल. वरडे)
कार्यकारी अभियंता
यांत्रिकी विभाग
अकोला





Government of Maharashtra
Water Resources Department
Budegetary Offer no. 2 / 2025-26

Executive Engineer, Mechanical Division, Akola (Phone No. ०७२४-२४८८५४६, E-mail ID - mdakl@rediffmail.com) invites Budegetory offer for the estimation purpose from reputed and experienced company/ authorized dealer for following work. The offer of each should be inclusive of all taxes, freight and duties. The offer should reach to this office on or before dated 13/05/2025. Please note Budegetary offer is invited only for estimation purpose and it does not give any assurance regarding floating of tenders or otherwise.

Schedule

Subject : - Design, Manufacturing, Supply, Erection, Testing & Commissioning of Submerged centrifugal Pump of 326 HP x 3 Nos with allied electromechanical equipments etc at Bordinala Lift Irrigation scheme Ta- Chandurbazar Dist - Amravati

Description of work	QTY	Unit	Unit Rate	Amount
1	2	3	4	5
Item No.1 Submerged centrifugal Pump-Vertically Mounted with motor	3	No		
Providing, installing at site of works and giving test to full Capacity, Submerged centrifugal Pump- vertically Mounted with motor. Motor housing shall be confirming to IP-68. Pump shall be suitable for 3% floating sand. Pump casing & cover shall be of material grade FG260 or GS25 or EN-JL1040. Pump impeller shall be stainless steel CF8M, SS430-Shaft & Hardware shall be in SS 316. Motor winding with class H insulation with temp. rise limited to class F. The motor works on 3.3 KV ± 10%. 3 Phase, 50Hz, AC, Duty S1, supply with cable guard, thrust bearing, 2 RTD's for top & bottom bearing, 3 RTD's for Motor winding, water leak sensors etc. The Pump set shall be suitable for direct coupling with suction strainer & discharge outlet as per manufacturer's design. The Pump shall be started on FCMA starter. Appropriate control system, protection & interlock should be provided for over temp, water leak, over load, low water level with fault annunciation & trip alarm and Pump monitoring unit. The pump shall be supplied with appropriate spares as per manufacturer's recommendations etc. complete for following duties, Specification and conforming to the detailed specification as per D.T.P. The Pump shall be supplied with autocoupling & Guide rail arrangement. Nos The tolerances for rate of flow, total head and efficiency are as per 3B-ISO 9906-1999 to III 14.6-2011/ISO 9906-2012				
pump capacity = 326 HP , motor capacity = 271 KW				
a) Duty point discharge 0.590 m ³ /s				
b) Duty point head 35.18 m				
c) Maximum rpm synchronous 1000				
d) Pump efficiency / Motor efficiency 85 % (minimum)/ 95 % (minimum)				
e) Head range 38.66 to 26.36 m				
f) Application Raw water				
g) Discharge type Suesface				
h) No. of maximum stages Max. One stage only				
i) Submersible Motor(Power & Control) cable = Suitable required length of Cable from motor to HT Panels, Soft Starter Panel And Temperature Scanner Panel shall be supplied by the contractor.				
j) lifting chain =10 m				
k) maximum number of pumps working in parallel upto 3 Nos.				
l) Supply voltage 3.3 KV				
Item No.2 Non Return Valve 600 mm Dia. Material: DI	3	No		
Providing, installing at site of works and testing D.I., non slam, double flanged type non return valve with by pass arrangement complete, suitable for following duties specification and conforming to the detailed specification as per D.T.P..				
a) Diameter 600 mm				
b) P.N. rating 1.0				
c) Working pressure 4 kg/cm ²				
d) Differential working pressure 4 kg/cm ²				
e) maximum working pressure 8 kg/cm ²				
f) Maximum rate of flow in LPS 740 LPS				
Item No. 3 : Butterfly Valve 600 mm Dia. Material: DI	3	No		
Providing, installing at site of works and testing double flanged butterfly valves conforming to relevant IS/BS 5155 with electrical actuators with 415 volts A.C. Motors D.O.L. starting etc. complete, suitable for following duties, specifications and conforming to the detailed specification as per D.T.P..				
a) Diameter 600 mm				
b) P.N. rating 1.0				
c) working pressure 4 kg/cm ²				
d) Differential working pressure 4 kg/cm ²				
e) maximum working pressure 8 kg/cm ²				
f) Maximun rate of flow in LPS 740 LPS				

Item No. 4 : Kinetic Air Valve 150 mm Dia. Material: CI Providing, installing at site of works and testing kinetic air valves of 150 mm dia. For releasing air from the delivery pipes, etc. complete conforming to the detailed specification as per D.T.P.	3	No		
Item No. 5 : Delivery pipelines 600 mm Dia. Material: MS Providing and joining at site of works and testing delivery pipe lines including jointing of all in between valves and up to rising main/manifold complete. Suitable for following duties, specification and conforming to the detailed specification as per D.T.P. (a) Diameter (NB) 600 mm/5 mm thk. (b) Internal test pressure 15.0 Kg/sq.cm (c) Vacuum test pressure in mm of Hg - 740 mm	75	Meter		
Item No. 6 : Dismantle Joint 600 mm Providing, installing at site of works and testing of rubber expansion joints in pump delivery pipe line complete, suitable for following duties, specification and conforming to the detailed specification as per D.T.P.. (a) Diameter (NB) 600 mm (b) Internal test pressure 15.0 Kg/sq.cm (c) Vacuum test pressure in mm of Hg - 740 mm	3	No		
Item No. 7 Electrical Components As per specification mention Below				
FCMA soft Starter Providing and installing at site of work and testing of FCMA soft starter suitable for above motor as mentioned in item no 1 and conforming to the specification as per D.T.P.	3	No		
Capacitor Cubical 3.3 KV, 3 Phase, 50 Hz, A.C. ,400 KVAR (i) Supplying and erecting 400 kVAR, 3.3 KV, 3 Phase, 50 Hz, A.C. , THYRISTER SWITCHED MICRO APFC PASSIVE FILTER PANEL, consisting of suitable steps of APP type capacitor units conforming to IS- 13585 (Part - I) 1994 with harmonic filter reactors.	1	Set		
H.T. Pannel 3.3 KV, 3 Phase, 630 Amps Providing, installing at site of work & testing of sheet steel, dust and vermin proof, indoor floor mounting type H.T. pannel, completely assembled, wire tested, painted, conforming to relevant IS, complete suitable for following duties, specification and conforming to the detailed specification as per D.T.P. (a) Electrical system 3.3 KV, 3 Phase, 50 Hz, A.C. with fault level of 25 KA (b) Capacity 630 Amp (c) panel shall comprise of the following (i) 2 Nos. incoming breakers & 1No. Bus coupler breaker with following rating current 630 Amps Minimum rupturing capacity 250 MVA (1) Breakers for out going feeders for motors- 3+1(spare) nos with the following ratings. current 630 Amps Minimum rupturing capacity 250 MVA L.T. Distribution panel 415 V, 3 Phase, 630 Amps. Providing installing at site of work and testing of 415 volts, 3 phase, 50 c/s 630 amps. L.T. distribution panels comprising of following as per detailed specification as per D.T.P. . (i) 415 volt, 630 amps. A.C.B. for auxiliary transformer incoming feeder 1 no. (ii) 415 volt, 63 amps. H.R.C switch fuses unit 2 nos. (iii) 415 volt, 32 amps. H.R.C switch fuses unit 4 nos. (iv) 415 volt, 16 amps. H.R.C switch fuses unit 5 nos. (v) 415 volt, 100 amps. Change over switch 1 nos. (vi) 4 nos. electrical motor starter D.O.L. type reversible push button operated suitable for B.F.valves under item no.3 above	1	Set		
Batteries, Battery Charger & D.C.D.B. providing installing at site of work and testing Batteries, Battery charger & D.C.D.B. complete unit conforming to the detailed specification as per D.T.P. i) Batteries - V.R.L - Valve Regulated lead acid dry type battery (2x55 cell 110 volts D.C 200 Ah hour Capacity along with all accessories. ii) Battery charger 110 volts, 30 Amp. For above Batteries comprising of float charger cum boost charger-02 No. complete with protective relay, etc. iii) D.C.D.B comprising of two incoming double pole miniature circuit breaker (MCB) 80 amps, 2 nos., 10 amps., 10 nos. outgoing feeder with MCB or switch fuse unit, complete will all accessories., etc.	1	Set		

Preparation of cable schedule & supply, installation & testing of cable as below. (including cable tray) Providing, installing at site of work & testing of suitable cables & wires complete as per requirement of pump house as given below conforming to the detailed specification as per D.T.P.				
Power And Control Cable				
a) 95 sq.mm X 3 core, 3.3 KV X.L. P.E. AL armored earthed cable H.T. Panel to APFC (Capacitor) Panel And Soft Starter.	100	Mtr.		
b) 35 sq.mm X 3.5 core, 1.1 KV armoured PVC insulated AL cable, L.T. Panel to Battery charger & EOT Crane.	50	Mtr.		
c) 4 sq.mm X 4 core, 1.1 PVC Insulated copper conductor cable	200	Mtr.		
d) 6 sq.mm X 4 core, 1.1 KV PVC Insulated copper conductor cable	300	Mtr.		
Earthing				
Providing, installing at site of works earthing comprising of adequate no. of earth station, earth bars & individual double earthing to all electrical equipment conforming to the detailed specification as per D.T.P.	1	Set		
GI earth strip per meter				
Water Level Indicator.-				
Providing, installing at site of works & testing of water level indicator, operating on 230 volts, 50 C/s, AC supply conforming to the detailed specification as per D.T.P..	1	Set		
Temperature Scanner Panel and Remote Control Panel				
(i) Providing, installing at site of work & testing of temperature scanner panel comprising of 3+1 nos. microprocessor temperature scanners having 10 points each to monitor H.T. motor winding and bearings temperature, complete detailed specification as per D.T.P.				
(ii) Providing, installing at site of work & testing of sheet steel floor mounted vermin proof and powder coated and tropicalized remot control panels with control switches, ammeter, annunciation facia windows, indication lamps etc suitable for following items and conforming to the detailed specification as per D.T.P..	1	Set		
a) incoming breaker/Bus coupler 2+1 Nos.				
b) pump motor breaker 3+1 Nos.				
c) Butterfly valves 3 Nos.				
d) Water level indicators 1 Nos.				
e) Capacitors (APFC) Panel 1 Nos.				
f) Soft Starter 3 Nos.				
Item No. 8 Testing, Commissioning, Trials & operations for one year after performance guarantee test.				
Testing, Commissioning, Trial And operation of the complete equipment and performance tests as per detailed specification.	1	Job		
Item No. 9 Tools and spares				
Providing Tools and Spares for the above system	1	Job		


 Executive Engineer
 Mechanical Division
 Akola