

प्रति,

महासंचालक,
माहिती व जनसंपर्क महासंचालनालय,
हुतात्मा चौक, मादाम कामा रोड,
मंत्रालय,

मुंबई-३२.

फोन नं.(०२२) २२०२६९९२, २२७९३२६१

विषय:- सीना मेहकरी उपसा सिंचन योजना संकल्पन, उत्पादन, पुरवठा,
उभारणी, चाचणी व कार्यान्वीत करणेबाबतची "बजेटरी ऑफर"
सूचना क्र. २९ "बजेटरी ऑफर" प्रसिध्द करणे बाबत.

सोबत बजेटरी ऑफर सूचना क्र. २९ सन २०१५-२०१६ च्या ५ प्रती पाठविण्यात येत असून खाली दिलेल्या माहितीनुसार बजेटरी ऑफर सूचना प्रसिध्द करण्यात यावी, ही विनंती.

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| १. | कार्यालयाचे नाव पूर्ण नाव | :- कार्यकारी अभियंता
जनाई शिरसाई उपसा सिंचन (यां)
विभाग, अहमदनगर -४१४ ००३.
नगर-औरंगाबाद रोड, फकिरवाडा,
अहमदनगर-४१४ ००३.
दूरध्वनी क्र. 0241-2325580 |
| २. | किती वृत्तपत्रामधून प्रसिध्दी द्यावी | :- १) राज्य स्तरावरून प्रसिध्द
होणा-या एक इंग्रजी व एक मराठी
दैनिक. |
| ३. | किती वेळा प्रसिध्दी हवी आहे? | :- एक वेळा |
| ४. | जाहिरात प्रसिध्दीची अंतिम तारीख | :- दिनांक ०५/०८/२०१५ पूर्वी |
| ५. | जाहिरातीचे देयक कोणाचे नाव पाठवावे | :- कार्यकारी अभियंता,
जनाई शिरसाई उपसा सिंचन (यां)
विभाग, अहमदनगर |

सोबत:- बजेटरी ऑफर सूचना क्र.२९
सन २०१५-२०१६ च्या ५ प्रती

कार्यकारी अभियंता
जनाई शिरसाई उपसा सिंचन
(यां) विभाग, अहमदनगर

प्रत:- मा. मुख्य अभियंता (यां.) जलसंपदा विभाग, नाशिक यांना माहितीसाठी सविनय सादर.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- मा.अधीक्षक अभियंता, यांत्रिकी मंडळ, पुणे यांचे माहितीस्तव व महा-यांत्रिकी वेबसाईटवर प्रसिध्दीसाठी सविनय सादर.

२/- आपले सोबत दिनांक 29.07.2015 रोजी दूरध्वनीवर झालेल्या चर्चेनुसार सुधारीत अंदाजपत्रक तयार करण्यासाठी फेर बजेटरी दर मागविण्यात येत आहेत.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- मा. अधीक्षक अभियंता, उस्मानाबाद पाटबंधारे मंडळ, उस्मानाबाद यांचे माहितीस्तव सविनय सादर.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- उप अभियंता, जनाई शिरसाई उपसा सिंचन (यां.) उपविभाग, क्र.1 पाटस यांना माहितीसाठी रवाना.

प्रत:- उप अभियंता, जनाई शिरसाई उपसा सिंचन (वि) उपविभाग, क्र.3 पाटस यांना माहितीसाठी रवाना.

प्रत:- उप अभियंता, उजनी जलविद्युत (विद्युत) उपविभाग क्र.३, भीमानगर यांना माहितीसाठी रवाना.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- उप अभियंता, सीना माढा उपसा सिंचन (यां.) उपविभाग, भीमानगर यांना माहितीसाठी रवाना.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- विभागीय कार्यालयी प्रशा-२ यांना माहितीसाठी रवाना.

सोबत:- बजेटरी ऑफर क्र. २९ सन २०१५-१६ ची प्रत.

प्रत:- सूचना फलक (विभागीय कार्यालय)

Government Of Maharashtra
Water Resources Department
BUDGETORY Notice No. 29 For year 2015-16

Budgetary Offer
(Estimate Purpose)

Sealed budgetary offers are invited by under signed from reputed original Pump Manufacturers for Design, Manufacture, Supply, Erection, Testing & Commissioning of 02 nos. forced water lubricated V.T. Pumps sets and allied Electro-Mechanical equipments for Sina Mehakari Lift Irrigation Scheme, Tq. Asti, Dist. Beed. Sealed budgetary offers shall be reached in the office of The Executive Engineer Janai Shirsai Lift Irrigation (Mech) Division, Ahmednagar on or before 12/08/2015. At 13.00 Hrs. The offer shall inclusive of all taxes, Duties and transportation etc. The details of items are available on Government website <https://mahayantriki.gov.in>.

Executive Engineer
Janai Shirsai Lift Irrigation (Mech)
Division, Ahmednagar

महाराष्ट्र शासन
जलसंपदा विभाग
बजेटरी दर मागविणारी सूचना क्र. २९ सन २०१५-२०१६
(अंदाजपत्रक तयार करण्यासाठी)

खालील सही करणार हे नामांकीत मुळ पंप उत्पादक यांचे कडून सिलबंद पाकीटातुन सीना मेहेकरी उपसा सिंचन योजना ता. आष्टी जि. बीड येथील पंप गृहासाठी ८५० अश्वशक्तीचे २ नग व्हर्टीकल टर्बाईन पंपाचे व त्यासाठी आवश्यक विद्युत व यांत्रिकी घटक भागांचे संकल्पन, निर्मिती, पुरवठा, उभारणी, चाचणी करून योजना कार्यान्वित करण्यासाठी बजेटरी दर मागवित आहेत. बजेटरी दरामध्ये सर्व प्रकारचे टॅक्सेस व ड्युटीज, ट्रान्सपोर्टेशन इ.चा समावेश करण्यात यावा. सिलबंद बजेटरी दर पाकिटे दिनांक 12.08.2015 रोजी 13.00 वाजेपर्यंत कार्यकारी अभियंता, जनाई शिरसाई उपसा सिंचन (यां) विभाग, अहमदनगर यांचे कार्यालयात सादर करण्यात यावीत. बाबनिहाय कामाचा तपशिल महाराष्ट्र शासनाच्या <https://mahayantriki.gov.in> वेबसाईट वर उपलब्ध आहे.

कार्यकारी अभियंता,
जनाई शिरसाई उपसा सिंचन (यां)
विभाग, अहमदनगर

Budgetary Offer
(Estimate Purpose)

Budgetary Offer Notice No. 29/2015-16 For Sina Mehakari Lift Irrigation Scheme

Sealed budgetary offers are invited by under signed from reputed original Pump Manufacturers for Design, Manufacture, Supply, Erection, Testing & Commissioning of 02 nos. forced water lubricated V.T. Pumps sets and allied Electro-Mechanical equipments for Sina Mehakari Lift Irrigation Scheme, Tq. Asti, Dist. Beed. Sealed budgetary offers shall be reached in the office of The Executive Engineer Janai Shirsai Lift Irrigation (Mech) Division, Ahmednagar on or before 12/08/2015. At 13.00 Hrs. The offer shall be inclusive of all taxes, Duties and transportation etc. The details of items are available on Government website <https://mahayantri.gov.in>

Schedule

Item No.	Description	Qty.	Unit	Rate per unit/no.	Total Amount
1.	<p>Item No.1 (A)- Vertical Turbine Pumps</p> <p>Providing, installing at site of works and giving test to full capacity, vertical turbine pumps non-pull out type, complete with strainer, suction bell, column assembly. Discharge case/ Discharge, Tee, Motors tool, Flexible Couplings, Sole Plates, Base frame foundation, Non-reversible rotation ratchet arrangement etc. suitable for following duties, specifications and conforming to detailed specifications as under :-</p> <p>1) No. of Pumps 2, a) Duty point discharge 2275 LPS., b) Duty point head 24.50 Mtr. At POL, c) Maximum r.p.m. 600 (Synchronous), c) Efficiency (a) Bowl efficiency=92%, (b) Pump efficiency= 90% (c) overall efficiency=86%</p> <p>d) Head range:- 18.38 M. to 30.63 M., e) Lubrication system- Forced water. f) Discharge type- above Surface., g) No. of maximum stage – One., i) Col. Pipe dia: - Minimum 1200 mm.. j) Col. Pipe thickness minimum 8 mm. k) Line shaft dia minimum 95 mm., l) Maximum No. of pumps working in parallel- 2 Nos., m) Sole plate thickness (Minimum) mm., n) Dia of shaft enclosing tube (minimum) 142.50, suitable for item K. above:- 142.50 mm. min.,</p> <p>Forced Water Lubrication & Cooling.</p> <p>Providing, installing at site of works & giving satisfactory test to full capacity forced water lubrication & cooling system, consisting of one set of cleaning type coarse Filter with differential pressure indicator, built in valves etc. 2 (two) Nos. booster pump sets complete with motor base plate switches starter etc. (Discharge capacity of each working / stand by pumps shall be adequate for 50% of total no of working V.T. Pumps sets.) one set cleaning type pressure filter & i) Pressure filter ii) Booster pumps.</p>	2	Nos.		
2.	<p>Item No.2:- Non Return Valves:</p> <p>Providing installing at site of works and testing cast iron non slam, double flanged type non-return valve with by pass arrangements complete, suitable for following duties specifications, and confirming to detailed specifications, as under :-</p> <p>As per IS 5312(Part II- 1986), A) Diameter - 1300 mm., B) P.N. Rating - 1.00, C) Working Pressure. - 2.4 Kg. / cm², D) Body Test pressure- 15 Kg./ cm² E) Seat Test pressure - 10.00 kg/cm², F) Maximum rate of flow in LPS 2275</p>	2	Nos		
3.	<p>Item No.3 :-Electrically Operated Butterfly Valves :</p> <p>Providing, installing at site of works and testing double flanged butterfly valves conforming to relevant IS / BS 5155 with elect. actuators with 415 volts A.C. motors, D.O.L. starting etc. complete, suitable for following duties, specifications and conforming to detailed specifications under item No 3 of detailed specifications as under</p> <p>A) Diameter - 1300 mm., B) P.N. Rating - 1.00., C) Working Pressure. – 2.4 Kg. / cm², D) Body Test pressure- 15 Kg./ cm², E) Seat Test pressure - 10.00 kg/cm², F) Maximum rate of flow in LPS 2275 LPS</p>	2	Nos.		
4.	<p>Item No.4:- Kinetic Air Valve:</p> <p>Providing installing at site of works and testing Kinetic Air valves of 300 mm. dia Tamper Proof for releasing air from the delivery pipes, etc. complete as per detailed specifications as under</p> <p>Test pressure – 15 Kg. / cm², Working Pressure. - 2.4 Kg. / cm²</p>	2	Nos.		
5	<p>Item No.5- Delivery pipe Line:</p> <p>Providing and jointing at site of works & testing delivery pipe lines including jointing of all in between valves and up to rising main / manifold complete, suitable for following duties. specifications and conforming to detailed specifications as under.</p> <p>A) Diameter (N.B.) 1300 mm.B) Wall Thickness- 8 mm .C) Hydraulic Test Pressure 10 Kg/ cm²</p>	50	Mtr.		
6.	<p>Item No.6: Rubber Expansion joint</p> <p>Providing, installing at site of works and testing of rubber expansion joints in pump delivery pipe line complete, suitable for following specifications and conforming to detailed specifications as under</p> <p>A) Diameter (N.B.) 1300 mm. B) Wall Thickness 10 mm. C) Internal Test Pressure 10 Kg/cm² D) P.N. Rating - 1.00 E) Vacuum Test Pressure 700 mm. of mercury</p>	2	Nos.		

Item No.	Description	Qty.	Unit	Rate per unit/no.	Toatal Amount
7.	Item No.7:- Induction Motors; (H.T. Motors): Providing, installing at site of work and testing to full capacity, solid shaft squirrel cage induction motors. CACW type 'F' class insulation, suitable for operation on voltage mentioned below, 3 phase, 50 cycles per second, with voltage variation of + 10% and frequency variation of + 5% suitable for direct coupling with pumps under item No1 as per the latest revision of IS 325, IS 4722 and other relevant IS specifications to meet the power requirement of pumps with 10% additional capacity over entire operating range, suitable for following duties, specifications and conforming to detailed specifications as under. a) Operating Voltage - 6.6 KV. b) Minimum BHP/ KW rating of motor Bidder to specify. 700 kW CACW 600 rpm	2	Nos.		
8.	Item No.8:- Capacitor Cubicles. Providing installing at site of works and testing of 6.6 kV, 3 phase, 50 Hz. Capacitor Cubicles with H.R.C. fuses for the motors mentioned against item No.7 above, to improve, the power factor to 0.95. The KVAR capacity of the capacitor should not exceed the magnetizing KVAR of motor. The capacitors shall be conforming to detailed specifications as under. a) Operating Voltage :- 6.6 KV , 3 phase b) Rating of Capacitor:- 200 KVAR.	2	Nos.		
9.	Item No.8 A:- Soft Starter. FCMA Soft Starters suitable for above motors and as per detailed specifications. As under:- 6.6 kw suitable for 700 kw motor.	2	Nos		
10.	Item No.9- H.T. Panels (Main Panel) Providing, installing and testing of 6.6 KV VCB Indoor Metal enclosed fully draw out type sheet steel, dust and vermin proof, indoor floor mounting type, H.T. panels, completely assembled, wired, tested, painted, conforming to relevant ISS complete, suitable for following duties, specifications and conforming to detailed specifications as under. A) Electrical System :- 6.6 kV.,3 Phase, 50 Hz, A.C. with fault level 250 MVA B) Motor feeder Capacity 420 Amps. C) Panel shall comprise of following. (1) 2 Nos. incoming breakers (VCB) with following ratings. Current 800 Amps. VCB Capacity 630 Amps. Minimum Rupturing Capacity 250 MVA (2) 1 Nos. Bus Coupler breakers (BCB) with following ratings. Current 630 Amps. Minimum Rupturing Capacity 250 MVA. (3) 4 Nos. Outgoing breakers (VCB) for following ratings. Current - 600 Amps for 2 motors and one standby. Minimum Rupturing Capacity 250 MVA (3 Nos for Motors & 1 No for Capacitor) (Spare motor feeder 1 no.)	1	1 Set		
11.	Item No.10:- L.T. Distribution Panel : Providing installing at site of works and testing of 415 volts, 3Ph. 50 Hz. 400 Amps. L.T. distribution Panel comprising of following and as per detailed specification as under. i) 415 Volts, 400 Amps, 25 KA, A.C.B. for Auxiliary transformer incoming feeder - 2 Nos. ii) 415 Volts,100 Amps, HRC Switch fuse unit- 2 No iii) 415 Volts,63 Amps T.P.N. Switch fuse unit -8 No iv) 415 Volts,32 Amps T.P.N.Switch fuse unit -8 No v) 415 Volts,16 Amps T.P.N.Switch fuse unit - 06 No vi) 3 Nos Electric Motor Starters D.O.L.type reversible push button operated suitable for B.F. Valves . vii) L.T. Capacitor of suitable rating with fuse protection - 2 NOS. viii) Two nos. DOL Starter suitable for booster pump.	1	Set		
12.	Item No.11:- Batteries, Battery charges and D.C. Distribution Boards.(D.C.D.B.): Providing installing at site of works and testing batteries, battery chargers and D.C.D.B. complete unit comprising of following & as per detailed specifications as under:- i) Batteries with 55 cells 2 volts each, total 110 Volts DC 200 Amp hour capacity along with all accessories. ii) 110 Volts. 30 Amps Battery chargers for above batteries comprising of one float charger and one float cum boost charger respectively. iii) D.C.D.B. comprising of two incoming double pole Miniature Circuit Breakers(MCB) 50 Amps and a) 10 Nos. 10 Amps outgoing feeder with MCB or switch fuse unit complete with accessories etc. 1 set. b) 2 Nos. 25 A. outgoing feeders with MCB or switch fuse unit complete with accessories. Etc	1	Set		
13.	Item No.12:- Preparation of cable schedule and Supply, Installation and testing of Cables : Preparation of cable and Termination Schedule, A) Supply Installation & Testing of H.T.,L.T. & Control cables and Termination as per specifications as under Details as shown below:- 1) HT Cables & required Terminations(As per actual) 6.6 kV, XLPE insulated AL Conductor Armoured Cable 3 x 95 mm2 Terminations 6.6 Kv, 70 Sq.mm	1	Job		

Item No.	Description	Qty.	Unit	Rate per unit/no.	Toatal Amount
	for XLPE B) LT Cables & required Terminations(As per Actual i) 1.1 KV. PVC Insulated AL conductor Armoured 3.5x185mm2 ii) 1.1 KV. PVC Insulated AL conductor Armoured 3.5x 25mm2 iii) 1.1 KV. PVC Insulated AL conductor Armoured 3.5x 35mm2 iv) 1.1 KV. PVC Insulated AL conductor Armoured 2 x 6 mm2 v) 1.1 KV. PVC Insulated CU conductor Armoured 19 x 2.5mm2 vi) 1.1 KV. PVC Insulated CU conductor Armoured 3 x 2.5mm2 vii) 1.1 KV. PVC Insulated CU conductor Armoured 4 x 2.5mm2 viii) 1.1 KV. PVC Insulated CU conductor Armoured 2 x 2.5mm2 ix) 1.1 KV. PVC Insulated CU conductor Armoured 8x 2.5mm2 x) 1.1 KV. PVC Insulated CU conductor Armoured 16 x 2.5mm2 xi) 1.1 KV. PVC Insulated CU conductor Armoured 12 x 2.5mm2 xii) 1.1 KV. PVC Insulated CU conductor Armoured 30 x 2.5mm2 xiv) 1.1 KV. PVC Insulated CU conductor Armoured 4x10 mm2 C) Providing & Erecting cable trays and cable racks for control cables and power cables and XLPE cables as per specifications as under. i. Cable Trays/Racks & Cable Support(As per actual) ii) Civil Works as per required.				
14.	Item No.13:-- Earthing To Equipment Providing, installing at site of works earthing comprising of adequate no. of earth stations. earth bars and individual double earthing to all electrical equipment .	1	Job		
15.	Item No.14:- Water Level indicators. Providing installing at site of works and testing water level indicators, operating on 230 Volts 50 cycles / second AC. Supply.	2	Nos.		
16.	Item No.15:- Temperature Scanner Panels : Providing installing and Testing of temperature scanner panels comprising of 5 Nos. Microprocessor temperature scanners for having 12 point each to monitor H.T. Motor windings and bearings temperature complete.	1	No.		
17.	Item No.16:- Remote Control Panel. Providing, installing at site of works and testing of sheet steel floor mounted, vermin proof and powder coated and tropicalised Remote Control panels with control switches, Ammeters, Annunciation facia windows, indication lamps etc. for control and monitoring of breakers, pumps / motors, ancillary equipment, panels, etc. suitable for following items, a) Incomer breakers / Bus Couplers 3 Nos. b) Pump / Motor breakers 3 Nos. c) Booster Pumps 2 (1+ 1) Nos. d) Butterfly Valves Actuator Motors -2 Nos.	1	Set		
18	Item No.17:- Testing, Commissioning, Trials and operation Testing, commissioning, trials and operation of the complete equipment and performance tests and operation & maintenance for two years.	1	Job		
19	Item No.18:- Spares and Tools. Providing at site of work tools and spares complete .	1	Set		
Sr. No.	Particulars	Specifications			
1	2	3			
1	Type of Pump	V.T.			
2	No. of Pumps	2 Nos.			
3	H.P.of Pump	850			
4	Discharge of each Pump	2275 lps			
5	Total Discharge	4550 lps			
6	No. of Stages of Pump	single			
7	Speed of Pump	600			
8	Type of Lubrication	forced water lubrication			
9	Duty Head at POL	24.50 mtrs.			
10	Static Head at POL	17.90 mtr.			
11	Levels (in mtrs.)				
a	Sump bottom	573.60 mtrs.			
b	M.D.D.L.	577.60 mtrs.			
c	M.W.L.	588.50 mtrs.			
d	F.R.L	584.50 mtrs.			
e	Pump/motor Floor level	589 mtrs.			
f	Delivery Level	598.50mtrs.			
12	Length of Rising Main	3020 mtr			

Item No.	Description	Qty.	Unit	Rate per unit/no.	Toatal Amount
13	Diameter of Rising Main		1700 mm		
14	Thickness of Rising Main		10 mm		
15	No. of Rising Main		1 Nos		
16	column pipe diameter		1200 mm		
17	Delivery pipe diameter		1300 mm		
18	Type of electric motor		3 ph. 50 Hz. Squirrel cage , Induction motor , C.A.C.W. Type, 700 KW		
19	Total K.W of motor		1400		

**Executive Engineer,
Janai Sirsai Lift Irrigation
(Mech.) Division, Ahmednagar.**