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ग्रामीण पाणी पुरवठा विभाग, जिल्हा परिषद सोलापूर


निविदा सुचना सन 2024-2025

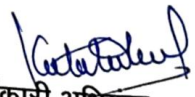
कार्यकारी अभियंता, ग्रामीण पाणी पुरवठा विभाग, जिल्हा परिषद सोलापूर हे मा. आमदार स्थानिक विकास कार्यक्रम अंतर्गत सन 2023-24 स्तरावरील निधी मधुन मौजे भोसरे (गणेशनगर) येथील वार्ड क्रं. 2 येथे ग्रामपंचायत जागेत तालुका माढा गावामध्ये आर.ओ.प्लान्ट बसविणे आहे. अशा प्रकारच्या कामाचा अनुभव असणारे ठेकेदारांकडून निविदा मागविण्यात येत आहेत. कोऱ्या निविदा विक्री दिनांक :- 24 / 07 / 2024 रोजी सकाळी 10.00 वाजले पासून दिनांक :- 31 / 07 / 2024 रोजी दुपारी 18.00 वाजे पर्यंत यांत्रिकी उपविभाग, जिल्हा परिषद, सोलापूर येथे (शासकीय सुट्टी दिवस वगळून) उपलब्ध राहिल.

निविदेचा तांत्रिक लिफाफा दिनांक :- 01 / 08 / 2024 रोजी उघडण्यात येईल.

अ. क्र.	कामाचे नांव	अंदाजपत्रकीय रक्कम रुपये	बयाणा रक्कम रुपये	कामपुर्ण करणेची मुदत	अधिकृत ठेकेदाराचा वर्ग
1	2	3	4	5	6
1	मौजे भोसरे (गणेशनगर) तालुका माढा, (वार्ड क्रं. 2 येथे ग्रामपंचायत जागेत) आर.ओ.प्लान्ट बसविणे.	4,99,999/-	5,000/-	60 दिवस	अशा प्रकारच्या कामाचा अनुभव असणारे ठेकेदार

- उपरोक्त सर्व कामाबाबत निविदा, अटी व शर्ती इत्यादी बाबतचा सर्व तपशिल निविदा संचामध्ये नमुद केलेला असून कोऱ्या निविदा संच उप अभियंता (यांत्रिकी), यांत्रिकी उपविभाग, जिल्हा परिषद सोलापूर येथे मिळतील.
- उपरोक्त तक्त्यातील कामाचे नावासमोर रकाना क्रं. 04 मध्ये नमुद केलेल्या बयाणा रक्कम धनाकृष मुख्य लेखा वित्त अधिकारी, जिल्हा परिषद सोलापूर च्या नांवे तयार करुन सदर निविदेतील तांत्रिक लिफाफा कागदपत्रासोबत देणे.
- निविदेच्या अटी शर्ती बदल करणे, प्राप्त निविदापैकी, एक किंवा सर्व निविदा कोणतेही कारण न देता नाकारणेचा हक्क निम्न स्वाक्षरीत यांनी राखुन ठेवला आहे.


उप अभियंता (यांत्रिकी)
यांत्रिकी उपविभाग
जिल्हा परिषद सोलापूर


कार्यकारी अभियंता
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद सोलापूर

सविस्तर दरपत्रक सुचना

2023-24

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1. सदर संपुर्ण निविदा प्रक्रिया निविदाद्वारे ऑफलाईन पध्दतीने आहे. सदर निविदेसंदर्भातील निविदा नोटीस प्रसिध्द, सुचना, शुध्दीपत्रके इत्यादीची माहिती www.zpsolapur.gov.in या संकेतस्थाळावर उपलब्ध आहे.
2. निविदा सोबत खालील बाबी सादर करणे आवश्यक आहे.
(अ) सदर कामाची कोरी निविदा यांत्रिकी उपविभाग जिल्हा परिषद सोलापूर येथून रकाना क्र. 4 मध्ये नमुद रक्कमेचा राष्ट्रीयकृत बँकेचा धनाकर्ष / धनादेश जमा करण्यात यावे. संपुर्ण भरण्यात आलेले निविदा विहित वेळेत कार्यालयात जमा करावेत.
3. मक्तेदारांनी निविदा खालील प्रमाणे दोन लिफाफा (Two Envelope) मध्ये सादर करणे आवश्यक आहे.

(अ) तांत्रिक लिफाफा

1. निविदा फि रक्कम व निविदेची बयाना रक्कम जि.प.खाली भरणा केल्याच्या मुळ पावती (चलन)
2. शॉप अॅक्ट नोंदणी / उद्योग आधार नोंदणी प्रमाणपत्र / फर्म नोंदणी प्रमाणपत्र.
3. आर.ओ.प्लॉट उभारणी दोन योजना पुर्ण केलेले कामाचा अनुभव दाखला जोडणे.
4. पॅनकार्डची स्कॅन केलेली प्रत.
5. जी.एस.टी. प्रमाणपत्राची स्कॅन केलेली प्रत.
6. निविदा नोटीस मधील सर्व अटी व शर्ती मान्य असल्याचे हमीपत्र तसेच निविदे सोबत सादर केलेली सर्व माहिती व कागदपत्र खरी असल्याचे व ती संपुर्ण प्रक्रियेच्या (निविदा सादर करणे ते पेमेंट अदा करणे व त्या नंतर) कोणत्याही वेळी खोटी अथवा चुकीची आढळल्यास त्यास संबंधित ठेकेदार / कंत्राटदार स्वतः जबाबदार व कार्यवाईस पात्र राहतील अश्या आशयाचे प्रतिज्ञापत्र 100 रुपये च्या स्टॅम्पवर देणे.


(ब) अर्थिक लिफाफा


- ❖ मक्तेदारांनी आपले दर विहित ठिकाणी मध्ये योग्य त्या जागी भरून सदरची प्रत स्वतंत्र लिफाफा क्र. 2 मध्ये ठेवून लिफाफा बंद करावेत.
- ❖ लिफाफा क्र. 1 व लिफाफा क्र. 2 हे दोन्ही लिफाफा क्र. 3 मध्ये ठेवावेत.

दरपत्रकाच्या इतर अटी व शर्ती :

1. दरपत्रकाच्या किंमतीत अंदाजपत्रकानुसार साहित्य सर्व करांसहित पुरवठा करणे, उभारणी करणे, वाहतुक, पॅकींग व साहित्य गाडीत भरणे उत्तरविणे, कार्यान्वित करणे इत्यादी समावेश असेल.
2. निविदेतील सर्व साहित्य निविदेतील तांत्रिक निकषानुसार पुरवठा करावयाचे आहे. निविदेतील तांत्रिक निकषानुसार साहित्य नसल्यास ते स्विकारले जाणार नाही. सदरचे अधिकार उप अभियंता (यांत्रिकी) यांना असतील. सदर साहित्य नाकारले गेल्यास त्यांची जबाबदारी पुरवठाधारकाची राहिल.
3. सदर कामाचा पुरवठादार शक्यतो सोलापूर जिल्हयातील असावा अथवा पुरवठादाराचे सोलापूर जिल्हायामध्ये सेवा केंद्र (Service Center) असावे.
4. शासन निर्णय क्र. बीडीजी 2016 / प्र.क्र.2 / इमा 2 दिनांक :- 12/02/2016 अन्वये निविदा प्रक्रियेमध्ये प्राप्त निविदेचा देकार निविदाधिन कामाच्या किंमतीपेक्षा दहा टक्केयांपेक्षा आधिक दराने कमी असेल तर एवढ्या कमी दराने काम करण्याचे नियोजनाबाबत सविस्तर तपशिल सादर करण्यात यावा. तसेच निविदेचा देकार निविदाधिन कामाच्या किंमतीपेक्षा 10 टक्केयांपर्यंत

- कमी दराचा असेल तर ठेकेदरांनी निविदाधिन किंमतीच्या 1 टक्के एवढ्या रक्कमेचा धनाकर्ष / धनादेश परफॉर्मन्स सिक्युरिटी म्हणून निविदेच्या लिफाफा देकार निविदाधिन कामाच्या किंमतीपेक्षा 10 टक्के पेक्षा जास्त दराने कमी असेल तर दराने 10 टक्के पेक्षा जेवढ्या दराने कमी आहे. तेवढ्या रक्कमेचा व वरीलप्रमाणे रक्कमेसह एकत्रित धनाकर्ष / धनादेश दराचा लिफाफा उघडल्यावर आठ दिवसात कार्यालयास सादर करणे. (उदा. 14 टक्के कमी दर 10 टक्क्यांपर्यंत 1 टक्का व व 14) - 10 टक्के) - 4 टक्के असे एकूण 5 टक्के)
5. आवश्यक कागदपत्रे / प्रमाणपत्रे सादर करण्यास तांत्रिक अडचणी असल्यास त्याबाबत निविदा स्विकारणे अथवा नाकारणे बाबत अंतिम निर्णय मा. कार्यकारी अभियंता, ग्रामीण पाणी पुरवठा विभाग, जिल्हा परिषद सोलापूर यांचा राहिल.
 6. निविदा / दरमंजूरी झाल्याचे कळविले नंतर निविदा प्रक्रियेतील कमीत कमी मंजूर दरानुसार कामे करण्यास / पुरवठा करण्यास तयार असल्याचे संमतीपत्र, रुपये 500/- किंमतीच्या स्टॅम्प पेपरवर साहित्य पुरवठा तथा अनुषंगीक कामे करण्यास तयार असल्याबाबत जिल्हास्तरावर करारनामा करून 7 दिवसांच्या आत दयावा लागेल.
 7. सदर काम करताना कोणतीही हानी झाल्यास / अपघात झाल्यास त्याची सर्वस्वी जबाबदारी कंत्राटदाराची राहिल.
 8. अंदाजपत्रकातील साहित्याची तांत्रिक तपासणी उपअभियंता (यां), यांत्रिकी उपविभाग, जिल्हा परिषद सोलापूर यांच्या कार्यालयाकडून करून घेतल्या शिवाय योजनेच्या स्थळी साहित्य आस्थापित करण्यात येऊ नये.
 9. अ) पुरवठा आदेश मिळाले पासून 2 महिन्यांचे आत काम पूर्ण करणे आवश्यक आहे.
ब) जर कंत्राटदाराने विहित मुदतीत आदेशित काम पूर्ण केले नाही तर किंवा विलंबाचा संयुक्तीक खुलासा न केल्यास आदेशित कामाच्या पैकी बाकी असलेल्या कामाच्या किंमतीच्या अर्धा टक्का प्रति आठवडा या दराने दंड वसूल करण्यात येईल. हा दंड जास्तीत जास्त 5 टक्के रक्कम व अतिरिक्त सुरक्षा रक्कम जप्त करण्यात येईल. त्यानंतर सदरच्या मक्तेदारांचे नांव काळ्या यादीत समाविष्ट करण्यात येईल. पुन्हा फेर निविदा करून काम पूर्ण करण्यात येईल.
 10. देयकातुन सुरक्षा रक्कम, आयकर, जी.एस.टी. जिपसेस व इतर सर्व करांची शासकीय नियमानुसार वजावट करून देयक अदा करण्यात येईल.
 11. मक्तेदारांनी कामाचे नकाशे, निविदेतील अटी व शर्तीनुसार Specifications कामाचे स्थळ मंजूर व साहित्याची उपलब्धता या सर्व बाबींचा अभ्यास करून निविदा सादर कराव्यात.
 12. मक्तेदारांनी सादर केलेली निविदा व निविदेतील दर, लिफाफा क्रं. 2 उघडले नंतर 90 दिवसा पर्यंत वैध राहतील.
 13. निविदेतील सर्व वा कोणतीही अटी वा शर्ती पूर्ण न करणाऱ्या मक्तेदाराच्या निविदा व अर्धवट सादर केलेल्या निविदा अपात्र समजल्या जातील.
 14. कोणत्याही अटीवर (Conditional) आधारित दरपत्रके स्विकारल्या जाणार नाहीत अथवा स्विकारल्या तरी मंजूर केल्या जाणार नाहीत.
 15. निविदेच्या अटी व शर्ती मध्ये बदल करणे, प्राप्त निविदा पैकी एक किंवा सर्व निविदा कोणतेही कारण न देता रद्दचा हक्क निम्न स्वाक्षरीत यांनी राखून ठेवला आहे.
 16. संक्षिप्त निविदा सुचना व सविस्तर सुचना निविदा तंत्राचा एक भाग राहिल.
 17. कोणत्याही बाबीसाठी काही तंटा निर्माण झाल्यास त्याबाबत न्यायालयात जाता येणार नाही.


उप अभियंता (यांत्रिकी)
यांत्रिकी उपविभाग
जिल्हा परिषद सोलापूर


कार्यकारी अभियंता
ग्रामीण पाणी पुरवठा विभाग
जिल्हा परिषद सोलापूर

**Rural Water Supply Division
Zilla Parishad Solapur**

**Mechanical Sub-Division
Zilla Parishad Solapur**

**MLA FUND 2023-24
ESTIMATE FOR**

**NAME OF WORK : PROVIDING , SUPPLYING AND COMISSIONING
OF REVERSE OSMOSIS SYSTEM 1000 LITRE PER HOUR WITH
SHED**

VILLAGE NAME : Bhosare (Ganesh Nagar)

LOCATION : Ward No. 2

TALUKA : Madha

DIST : SOLAPUR

ESTIMATED COST RS. 499999.00

Zilla Parishad Solapur
Rural Water Supply Division
Office Of Deputy Engineer (Mech) Sub.Division

NAME OF WORK : PROVIDING , SUPPLYING AND COMMISSIONING OF REVERSE OSMOSIS SYSTEM 1000 LITRE PER HOUR WITH SHED

Village Name :- Bhosare (Ganesh Nagar)
At :- Ward No. 2

Taluka :- Madha

Dist : SOLAPUR

ESTIMATE


Qty	Unit	ITEM	Rate	Per	Amount
1	Set	ITEM NO.01 Providing, supplying and commissioning of 1000 LPH REVERSE OSMOSIS system with Drinking Water Automatic Dispensing Machine With One Years Warantily	1	Set	256000.00
		The work contains following Items			
		1) Design			
		1) Flow Rate-1000 lit./hour			
		1.Raw Water Tank			
		1. Quantity	01 Nos		
		2. Moc	HDPE , IS:12701		
		3. Capacity	2000 Lit.		
		4. Accessories	Water Auto Censor		
		2.Raw Water Pump			
		1. Quantity	01 Nos.		
		2. Make	Kirloskar /Crompton/CRI/ Lubi/ Shakti		
		3. Capacity	1 HP (0.75 KW)		
		4. Head	30 Mtr.		
		5. Discharge	2500 LPH		
		6. Accessories	Auto Cut Solenoid Valve ¾ Inches AC.		
		3. Pressure Sand Filter			
		1. Quantity	01 Nos		
		2. Vessel	F.R.P.		
		3. Vessel Size	13 X 54 Inch		
		4. Type	Down Flow		
		5. Type Of Media	Silica Sand Multi Grade		
		6. Accessories	Multi Port Valve		
		7. Make	Proton/Aster		
		4. Active Carbon Filter			
		2. Vessel	F.R.P		
		3. Vessel Size	13 X 54 Inch		
		4. Type	Down Flow		
		5. Type Of Media	Activated Carbon (900 IV)		
		6. Accessories	Multi Port Valve		
		5. Micron Cartridge Filter			
		1. Quantity	02 Nos(20inch x 4inch dai.) (Big		
		2. Cartridge	5 Micron		
		3. Capacity	0.5 Cum/Hour		
		4. Moc Of Cartridge	Polypropylene		
		6. Antiscalant Dosing System			
		1. Quantity	01 Nos.		
		2. Type	Electronic Dosing Pump		
		3. Dosing Capacity	6 LPH		
		4. Operating Pressure	2 Kg/sq.cm		
		5. Make	Proton/ E Dose.		
		6. Solution Tank	H.D.P.E.		
		7. Tank Capacity	100 Lit.		
		7. High Pressure Pump			
		1. Quantity	01 Nos.		
		2. Power	2 HP (1.5 Kw)		
		3. Capacity	1000 LPH		
		4. Flow	3000 LPH		
		5. Make	Crompton Greaves –Tera Flow/CRI/CNP/Leo/Lubi/ Shakti / Groundfos		
		6. Accessories	With Low Pressure Switch.		
		8. Chasis			
		1. Moc Of Chasis	S.S. Grid Chassis. Fully Machined		
		9. Membranes			
		1. Quantity	04 Nos.		
		2. Mack Of Vessel	Stainles Steel		
		3. Type Of Membrane	Spirally Wounded		
		4. Membrane	40-40 X 4 Nos.		
		5. Housing	40 X 80 – 2 Nos.		
		5. Capacity	1000 Lit/Hour		
		6. Make	Adwyn Chemicals/DOW/ Hydrounotics		
		7. Accessories	Necessary size of Module And pressure Tube, Auto Flush with 3/4 Inches Solenoid Valve.		
		10. Instrumentation And			
		1. Type	Fully Automatic		

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Electrical Components	2. Accessories	1. Pressure Gauge-2 Nos				
		2. Rotameter- 2400 – 1 Nos.				
		2400 – 1 Nos.				
	11. Piping.	1. Raw Water Tank To Inlet	3. Electronic Control Panel Board with uPVC			
			2. Out Let Of High Pressure	S.S.-304 Stainless Steel Piping.		
			1. Quantity	01 Nos.		
	12. UV Disinfection Unit	2. Water Flow Rate	1000 LPH			
			3. Type	Fluorescent Tube		
			4. Make	ALFA/ Proton		
	13. Pure Water Storage Tank	1. Quantity	01 Nos			
			2. Type	Vertical		
			3. Capacity	2000 Lit.		
			4. Moc Of Tank	Stainless Steel. Grade.		
	14. Dispense Unit (ATM)	1. Quantity	01 Nos.			
2. Type			Multi Coin (Rs.1 & 5)			
3. Moc of Dispense			Metal Body And Stainless Steel valves. With 50 Cards.			
4. Make			Aster / Proton /etc			
(As Per Rates Sanctioned By E.E. RWS , Z.P.Solapur on 01.10.2020)						
	Item No.2					
1	Nos	Chiller 2 Tonn Capacity	65000.00	Nos	65000.00	
(As Per Rates Sanctioned By E.E. RWS , Z.P.Solapur on 01.10.2020)						
	Item No.3					
1	Job	Shed for RO Plant	170981.58	Job	170981.58	
(As Per Rate Analysis)						
	Item No.4					
1	Job	Electrification And Wiring	7207.68	Job	7207.68	
(As Per Rate Analysis)						
	Item No.5					
0.5	SqM	Information board of scheme : Material & labour for painting of matter given by dept. in diff. colour as per R.C (0.9 X 0.6) .	1500.00	SqM	810.00	
Rates Aprooved By GSDA /SOLAR PUMP /RC /F- NO 25/834/2013-14 dt 1.3.2014						
				TOTAL RS	499999.26	
				SAY	499999.00	

Estimate Prepared Checked And Submitted By


 Junior Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur


 Dy. Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur

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Zilla Parishad Solapur
Rural Water Supply Division
Office Of Dy.Engineer(Mech), Mechanical Sub Division.
Name of Work-Providing & Erecting Shed for 1000 LPH Water A.T.M.Machine etc


Measurement sheet

Items	No	Length	Breadth	Depth	Qty.	Unit
ITEM NO.01						
Excavation for foundation in earth soils of all types sand gravel and soft murum including removing the excavated material up to a distance of 50 M beyond the building area and stacking and spreading as directed as directed dewatering preparing the bed for foundation and necessary back filling ramming watering including shoring and strutting etc						
For Wall	1.00	4.00	4.00	0.15	2.40	
For Wall	2.00	4.00	0.60	0.60	2.88	
For Pipe Line	2.00	2.80	0.60	0.60	2.02	
	1.00	10.00	0.60	0.60	3.60	
ITEM NO.02					TOTAL	10.90 Cum
Providing Burnt Brick-on-edge masonry with second class bricks of conventional type bricks in cement mortar 1:3 including mild steel longitudinal reinforcement of 2 bars of 6mm diameter / one strips of hoop iron 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends, scaffolding, raking out joints and watering etc						
For Wall	2.00	4.00	0.30	0.90	2.16	
For Wall	2.00	3.40	0.30	0.90	1.84	
For Step	1.00	1.20	0.60	0.30	0.22	
For Step	1.00	1.20	0.30	0.30	0.11	
ITEM NO.03					TOTAL	4.32 Cum
Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete.						
	1.00	3.40	3.40	0.60	6.94	
For Pipe Line	1.00	10.00	0.60	0.60	3.60	
					TOTAL	10.54 Cum
ITEM NO.04						
Providing and laying in situ cement concrete in M.10 of trap metal for foundation and bedding including bailing outwait formwork compacting and curing with natural sand etc complete.						
For Vertical square Pipe	5.00	0.30	0.30	0.60	0.27	
Before Brick Work	0.00	4.00	0.60	0.10	0.00	
	0.00	3.40	0.60	0.10	0.00	
PCC Above Besment Flooring	1.00	4.00	4.00	0.08	1.20	
					TOTAL	1.47 Cum
ITEM NO.05						
Providing and fabricating structural steel work enrolled sections like joints channel s angles ,tees etc as per detailed design and drawings including fixing in position without connecting plates, braces,etc and one coat of anti corrosive paint and over it two coats of oil painting of approved quality and shade etc .						
M.S.Sq.Pipe 50x50x2.6mm						
Vertical Column Pipe	5.00	3.65	-	-	18.25	
Perling Pipe Top	1.00	3.65	-	-	3.65	
Wall harizantal Pipe (Wall No.1 to 3)	9.00	3.65	-	-	32.85	
Wall harizantal Pipe (Wall No.4)	3.00	1.00	-	-	3.00	
Wall harizantal Pipe (Wall No.4)	0.00	3.00	-	-	0.00	
					Total	57.75 RMT
		57.75	4.07		235.04	KG
		235.04	1000.00		0.24	MT

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Items	No	Length	Breadth	Depth	Qty.	Unit
For Info Board					0.03	
					Total	0.27
ITEM NO.06						
Providing and fixing plane zinc sheeting of 0.80 mm thick (22BWG) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt, galvanized iron screw and bolt and lead and bitumen washers complete(Wt 6.8kg/sqm)						
	4.00	4.00	-	2.90	46.40	
	1.00	4.20	4.20		17.64	
Deduction For Rolling Shutter	1.00		1.50	2.74	4.11	
Total					64.04	
Total Deduction					4.11	
				TOTAL	59.93	Cum
ITEM NO.07						
Providing and fixing rolling shutter fabricated from steellaths of minimum thickness 0.9 mm with lockplate of 3.15mm thickness reinforced with 35x3x5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S.channel section of depth and thickness not less than 65mm and 3.15mm respectively with hold fast arrangements, M.S.Bracket plate 300x300x3.15mm minimum size and shape with square bar, suspensions haft of minimum 32 mm diameter, hood cover of M.S.sheet not less than 0.9mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear weels and worms of high grade cast iron or mild steel and one coat of red lead primer etc.complete. (I.S. 62481979) (Without mechanical gear)	1.00		1.50	2.74	4.11	
ITEM NO.08						
Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	1.00		4.00	4.00	16.00	Sqm
ITEM NO.09						
Providing and supplying and laying, in standard length ISI mark rigid unplasticized PVC Pipe suitable for potable water with solvent cement joint including cost of couplers as per IS specificati on no 4985/1988 including all local & central taxes, transportation, freight charges, inspection charges, loading, un loading, convence to the depa rtmental stores/ site & stacking the same in closed shed duly protected from sunrays & rains including cost of jointing material i.e. solvent cement etc. complete 63 mm Dia. 6 kg/sqcm.(115+ 29=115)					6.00	mtr




 Junior Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur


 Dy. Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur

Zilla Parishad Solapur
Rural Water Supply Division
Office Of Dy.Engineer(Mech), Mechanical Sub Division.
Rate Analysis For Item No.3 Providing & Erecting Shed for 1000 LPH Reverse Osmosis System

Items	Qty.	Rate	Per	Amt.
ITEM NO.01				
Excavation for foundation in earth soils of all types sand gravel and soft murum including removing the excavated material up to a distance of 50 M beyond the building area and stacking and spreading as directed as directed dewatering preparing the bed for foundation and necessary back filling ramming watering including shoring and strutting etc complete lift up to 1.50M(Mechanical Means)	10.90	239.00	Cum	2604.14
(PWD DSR. 22-23 Item No.12.02 (a))				
ITEM NO.02				
Providing Burnt Brick-on-edge masonry with second class bricks of conventional type bricks in cement mortar 1:3 including mild steel longitudinal reinforcement of 2 bars of 6mm diameter / one strips of hoop iron 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends, scaffolding, raking out joints and watering etc .complete.	4.32	802.00	Cum	3464.64
PWD DSR 22-23 Item No.27.07				
ITEM NO.03				
Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete.	10.54	92.00	Cum	969.31
MUP DSR 2023-24 Item No.E-15				
ITEM NO.04				
Providing and laying in situ cement concrete in M.10 of trap metal for foundation and bedding including bailing outwait formwork compacting and curing with natural sand etc complete.	1.47	5830.00	Cum	8570.10
(PWD DSR. 2022-23 Item No.24.01)				
ITEM NO.05				
Providing and fabricating structural steel work enrolled sections like joists channel s angles tees etc as per detailed design and drawings including fixing in position without connecting plates, braces, etc and one coat of anti corrosive paint and over it two coats of oil painting of approved quality and shade etc .	0.27	101844.00	MT	26992.99
PWD DSR 22-23 Item No.23.01				
ITEM NO.06				
Providing and fixing plane zinc sheeting of 0.80 mm thick (22SWG) over the ridge / hip or valley to galvanized iron sheet roofing including all fastening and bolt, galvanized iron screw and bolt and lead and butmer washers complete (at 6 \$/sq/3mm)	59.93	1139.00	Sq.M	68260.27
PWD DSR 22-23 Item No.38.05				
ITEM NO.07				

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Items	Qty.	Rate	Per	Amt.
Providing and fixing rolling shutter fabricated from steellaths of minimum thickness 0.9 mm with lockplate of 3.15mm thickness reinforced with 35x3x5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S.channel section of depth and thickness not less than 65mm and 3.15mm respectively with hold fast arrangements, M.S.Bracket plate 300x300x3.15mm minimum size and shape with square bar, suspensions haft of minimum 32 mm diameter, hood cover of M.S.sheet not less than 0.9mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear weels and worms of high grade cast iron or mild steel and one coat of red lead primer etc.complete. (I.S. 62481979) (Without mechanical gear)	4.11	4829.00	Sq.M	19847.19
PWD DSR 22-23 Item No.39.24				
ITEM NO.08				
Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	16.00	731.00	Sq.M	11696.00
(PWD DSR 2022-23 I.No.33.01 Sr.No.977)				
ITEM NO.09				
Providing and supplying and laying, in standard length ISI mark rigid unplasticized PVC Pipe suitable for potable water with solvent cement joint including cost of couplers as per IS specificati on no 4985/1988 including all local & central taxes, transportation, freight charges, inspection charges, loading, un loading, convence to the depa rtmental stores/ site & stacking the same in closed shed duly protected from sunrays & rains including cost of jointing material i.e. solvent cement etc. complete 63 mm Dia. 6 kg/sqcm.(115+ 29=115)	5.00	144.00	Mtr	720.00
MJP DSR 2023-24 Section I (II) 1-B-1 P.N. 76 and 4-B-1,laying Pg No 80				
ITEM NO.10				
Providing and fixing on walls / ceiling / floor 25 mm dia. uPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	5.00	355.00	Mtr	1775.00
PWD DSR 2022-23 Item No.42.63				
TOTAL				144899.64
Add GST 18%				26081.94
Gross Total				170981.58
Say Rs.				170982
<div style="display: flex; justify-content: space-between; align-items: center; padding: 10px;"> <div style="text-align: center;">  Junior Engineer (Mech) Mechanical Sub Division Zilla Parishad Solapur </div> <div style="text-align: center;">  Dy. Engineer (Mech) Mechanical Sub Division Zilla Parishad Solapur </div> </div>				

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Zilla Parishad Solapur
Rural Water Supply Division
Office Of Dy.Engineer(Mech), Mechanical Sub Division.
Rate Analysis For Providing & Erecting Reverse Osmosis System.

Items	Qty.	Rate	Per	Amt.
Item No. 1				
Point wiring in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	4.00	411.00	No	1644.00
PWD CSR Ele 2023-24 Item No.01-07-16				
Item No. 2				
Wiring for plug on board with Switch socket, copper wiring and earthing as per specification No: WG-PW/SW	2.00	133.00	No	266.00
PWD CSR Ele 2023-24 Item No.01-07-24				
Item No. 3				
Supplying, erecting & marking DP MCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-MCB	1.00	535.00	No	535.00
PWD CSR Ele 2023-24 Item No.05-03-06				
Item No. 4				
Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/ trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	17.6	46.00	Mtr	808.68
PWD CSR Ele 2023-24 Item No.01-03-01				
Item No. 5				
Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4 feet, T8 LED tube light (excluding tube light).	1.00	286.00	No	286.00
PWD Ele DSR 2023-24 Item No.2.1.1)				
Item No. 6				
Supplying and erecting T8 Fluorescent tube day light 1200mm, 36 W	2.00	45.00	No	90.00
PWD Ele DSR 2022-23 Item No.2.8.2)				
Item No. 7				
Supplying and erecting regular/ standard model ceiling fan of 900 /1050 mm. sweep complete erected in position as per specification no. FG-FN/CF	1.00	1877.00	No	1877.00
PWD CSR Ele 2023-24 Item No.02-09-02				
Item No. 8				
Supplying and erecting exhaust fan medium duty 230 V A.C. 50 cycles 225 mm. 1400 RPM with condenser complete erected in position with necessary materials. Fan motor with moisture proof treatment and 'E' class insulation.	1.00	1701.00	No	1701.00
PWD CSR Ele 2023-24 Item No.02-09-13				
TOTAL Rs.				7207.68


Junior Engineer (Mech)
Mechanical Sub Division
Zilla Parishad Solapur


Dy. Engineer (Mech)
Mechanical Sub Division
Zilla Parishad Solapur

- वाचा :-1) जिल्हा परिषद व पंचायत समिती लेखा संहिता १९६८ मधील नियम क्र. ४ चे परिशिष्ट २
 2) महाराष्ट्र शासन, शासन निर्णय क्र. भोडपीए/२०१२ प्र. क्र. ६८० / वित्त-०९ . दिनांक. ३१/०१/२०१८
 3) मा जिल्हा नियोजन समिती जिल्हा अधिकारी कार्यालय, सोलापूर जावक क्रमांक. 0/२०२४/फेव/ई सि
 ऐल/०२३६२

जा.क्र.उपअभि(यां)/यांउपवि/जिपसो/तांमा/^E265/२०२४.

उपअभियंता(यांत्रिकी),
 यांत्रिकी उपविभाग, जिल्हा परिषद,
 सोलापूर दि. 29/2/२०२४

तांत्रिक मान्यता आदेश

उपरोक्त संदर्भीय क्र.01 चे अधिकार व संदर्भ क्र.02 च्या शासन निर्णयान्वये शासनाने प्रदान केलेल्या शक्तीचा उपयोग करून मी, उपअभियंता(यांत्रिकी), यांत्रिकी उपविभाग, जिल्हा परिषद, सोलापूर खालील प्रमाणे प्रस्तावित कामास तांत्रिक मान्यता प्रदान करत आहे.

अ क्र	गाव / तालुका / ठिकाण		कामाचे विवरण	योजना	संख्या	अंदापत्रकीय खर्चाची रक्कम रुपये
1	गाव	भोसरे (गणेश नगर)	आर. ओ. सहयंत्र उभारणी करणे	आमदार स्थानिक विकास कार्यक्रम (२०२३-२४)	०१	४९९९९९.००
	तालुका	माढा				
	ठिकाण	वॉर्ड नंबर २				
					एकुण :-	४९९९९९.००

(अक्षरी रक्कम रुपये चार लाख नव्यान्नव हजार नऊशे नव्यान्नव फक्त)

उपअभियंता (यांत्रिकी)

यांत्रिकी उपविभाग, जिल्हा परिषद,
 सोलापूर

प्रती,

मा. जिल्हा नियोजन अधिकारी कार्यालय, सोलापूर

प्रत -

सरपंच / ग्रामसेवक, ग्रामपंचायत कार्यालय भोसरे, तालुका माढा

गट विकास अधिकारी पंचायत समिती माढा यांना माहितीस्तव

Zilla Parishad Solapur
Rural Water Supply Division
Office Of Deputy Engineer (Mech) Sub.Division

Taluka :- Madha
Dist : SOLAPUR

NAME OF WORK : PROVIDING , SUPPLYING AND COMMISSIONING OF REVERSE OSMOSIS SYSTEM 1000 LITRE PER HOUR WITH SHED

Village Name :- Bhosare (Ganesh Nager)
At :- Ward no.2

ESTIMATE

Quantity	Unit	ITEM	Rate	Per	Amount
1.00	Set	ITEM NO.01 Providing, supplying and commissioning of 1000 LPH REVERSE OSMOSIS system with Drinking Water Automatic Dispensing Machine With One Years Warantity	1	Set	256000.00
1.00	Nos	Item No.2 Chiller 2 Tonn Capacity	65000.00	Nos	65000.00
		Item No.3 Shed for RO Plant			
10.90	cum	ITEM NO.01 Excavation for foundation in earth soils of all types sand gravel and soft murum including removing the excavated material up to a distance of 50 M beyond the building area and stacking and spreading as directed as directed dewatering preparing the bed for foundation and necessary back filling (ramming watering including shoring and strutting etc complete lift up to 1.50M)(Mechanical Means)	239.00	cum	2604.14
4.32	cum	ITEM NO.02 Providing burnt Brick-on-edge masonry with second class bricks of conventional type bricks in cement mortar 1:3 including mild steel longitudinal reinforcement of 2 bars of 6mm diameter / one strips of hoop iron 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends, scaffolding, raking out joints and watering etc .complete.	802.00	cum	3464.64
10.54	cum	ITEM NO.03 Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete.	92.00	cum	969.31
1.47	cum	ITEM NO.04 Providing and laying in situ cement concrete in M.10 of trap metal for foundation and bedding including bailing outwait formwork compacting and curing with natural sand etc complete.	5830.00	cum	8570.10
0.27	MT	ITEM NO.05 Providing and fabricating structural steel work enroled sections like joints channel's angles ,tees etc as per detailed design and drawings including fixing in position without connecting plates, braces,etc and one coat of anti corrosive paint and over it two coats of oil painting of approved quality and shade etc .	101844.00	MT	26992.99
59.93	Sq.m	ITEM NO.06 Providing and fixing plane zinc sheeting of 0.80 mm thick (22BWG) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt, galvanized iron screw and bolt and lead and bitumen washers complete(Wt 6.8kg/sqm)	1139.00	Sq- m	68260.27
4.11	Sq.m	ITEM NO.07 Providing and fixing rolling shutter fabricated from steellaiths of minimum thickness 0.9 mm with lockplate of 3.15mm thickness reinforced with 35x3x5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S.channel section of depth and thickness not less than 65mm and 3.15mm respectively with hold fast arrangements, M.S.Bracket plate 300x300x3.15mm minimum size and shape with square bar , suspensions haft of minimum 32 mm diameter, hood cover of M.S.sheet not less than 0.9mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc.complete. (I.S. 6248:1979) (Without mechanical gear)	4829.00	Sq- m	19847.19
16.00	Sq.m	ITEM NO.08 Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	731.00	Sq- m	11696.00

Sl. No.	QTY	UNIT	DESCRIPTION	AMOUNT	TOTAL
5.00	Mtr		ITEM NO. 10 Providing and laying in trenches 25 mm dia. CPVC pipe including necessary excavation, fittings, Refilling trenches etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PVVD chowky or as directed etc. complete.	355.00	1775.00
				Total	144899.64
				Add Gst 18%	26081.94
					170981.58
			Item No. 4 Electrification And Wiring		
4.00	NO		Item No. 1 Point wiring in PVC trunking (casing-capping) with 1.5 sq mm (2+1E) FR grade copper wire, flush type switch, earthing and required accessories as per specification No: WG-PW/SW	411.00	NO
2.00	NO		Item No. 2 Wiring for plug on board with Switch socket, copper wiring and earthing as per specification No: WG-PW/SW	133.00	NO
1.00	NO		Item No. 3 Supplying, erecting & marking DPMCB 6 A to 32 A B- series (for lighting) in provided distribution board as per specification no. SW- SWR/MCB	535.00	NO
17.58	Mtr		Item No. 4 Supplying & erecting mains with 2x1.5 sq mm. FRLSH copper wire, in 16gauge 20 mm dia. Rigid Steel conduit with continuous GI earth wire of 2.5 sq mm. as per specification No: WG-MA/MC.	46.00	Mtr
1.00	NO		Item No. 5 Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4 feet. T8 LED tube light (Excluding tube light)	286.00	NO
2.00	NO		Item No. 6 Supplying and Erecting T8 Fluorescent tube day light 1200mm 36w	45.00	NO
1.00	NO		Item No. 7 Supplying and erecting regular/ standard model ceiling fan of 900/1050 mm. sweep complete erected in position as per specification no. FG-FN/CF	1877.00	NO
1.00	No		Item No. 8 Supplying and erecting exhaust fan medium duty 230 V A.C. 50 cycles 225 mm. 1400 RPM with condenser complete erected in position with necessary materials. Fan motor with moisture proof treatment and 'E' class insulation.	1701.00	No
			Total		7207.68
0.54	Sqm		Information board of scheme : Material & labour for painting of matter given by dept. in diff. colour as per R.C (0.9 X 0.6)	1500.00	Sqm
			TOTAL RS		499999.26
			SAY		499999.00

[Signature]
 Dy. Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur

[Signature]
 Dy. Engineer (Mech)
 Mechanical Sub Division
 Zilla Parishad Solapur

Executive Engineer
 Rural Water Supply Division,
 Zilla Parishad, Solapur