

# ग्रामीण पाणी पुरवठा विभाग, जिल्हा परिषद सोलापूर

## निविदा सुचना सन 2024-2025

कार्यकारी अभियंता, ग्रामीण पाणी पुरवठा विभाग, जिल्हा परिषद सोलापूर हे 15 वा वित्त आयोग जिल्हा परिषद स्तरावरील निधी मधुन मौजे कासेगाव (सिध्देश्वर वस्ती) तालुका पंढरपूर गावामध्ये आर.ओ.फिल्टर बसविणे हे काम करणे आहे. अशा प्रकारच्या कामाचा अनुभव असणारे ठेकेदारांकडून निविदा मागविण्यात येत आहेत. कोऱ्या निविदा विक्री दिनांक :- 19 / 05 / 2025 रोजी सकाळी 10.00 वाजले पासून दिनांक :- 26 / 05 / 2025 रोजी दुपारी 18.00 वाजे पर्यंत यांत्रिकी उपविभाग, जिल्हा परिषद, सोलापूर येथे (शासकीय सुट्टी दिवस वगळून) उपलब्ध राहील.

निविदेचा तांत्रिक लिफाफा दिनांक शक्यतो :- 27 / 05 / 2025 रोजी उघडण्यात येईल.

| अ. क्र. | कामाचे नांव                                                                  | अंदाजपत्रकी य रक्कम रुपये | बयाणा रक्कम रुपये | निविदा शुल्क | कामपुर्ण करणेची मुदत | अधिकृत ठेकेदाराचा वर्ग                     |
|---------|------------------------------------------------------------------------------|---------------------------|-------------------|--------------|----------------------|--------------------------------------------|
| 1       | 2                                                                            | 3                         | 4                 | 5            | 6                    | 7                                          |
| 1       | मौजे कासेगाव तालुका पंढरपूर, येथील सिध्देश्वर वस्ती येथे आर.ओ.फिल्टर बसविणे. | 5,99,946/-                | 6,000/-           | 200/-        | 90 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 घनाकर्ष मुख्य लेखा वित्त अधिकारी, जिल्हा परिषद सोलापूर च्या नावे तयार करून 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 राखून ठेवला आहे.

उप अभियंता (यांत्रिकी)  
यांत्रिकी उपविभाग  
जिल्हा परिषद सोलापूर

कार्यकारी अभियंता  
ग्रामीण पाणी पुरवठा विभाग  
जिल्हा परिषद सोलापूर

## सविस्तर दरपत्रक सुचना

2024-25

1. सदर संपुर्ण निविदा प्रक्रिया निविदाद्वारे ऑफलाईन पद्धतीने आहे. सदर निविदेसंदर्भातील निविदा नोटीस प्रसिध्द, सुचना, शुध्दीपत्रके इत्यादीची माहिती [www.zpsolapur.gov.in](http://www.zpsolapur.gov.in) या संकेतस्थळावर 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.फिल्टर बसविणे** 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 500 रुपये च्या स्टॅम्पवर देणे. (नोटरी / दंडाधिकारी यांचे समक्ष केलेले)

### (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 आधिकार उप अभियंता (यांत्रिकी) यांना असतील. सदर साहित्य नाकारले गेल्यास त्यांची जबाबदारी पुरवठाधारकाची राहिल.
3. सदर कामाचा पुरवठादार शक्यतो सोलापूर जिल्ह्यातील असावा अथवा पुरवठादाराचे सोलापूर जिल्ह्यामध्ये 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 म्हणुन 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 करुन 7 दिवसाच्या आत द्यावा 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 करुन घेतल्या शिवाय योजनेच्या स्थळी साहित्य आस्थापित करण्यात येऊ नये.
  9. अ) पुरवठा आदेश मिळाले पासुन 2 महिन्याचे आत काम पुर्ण करणे आवश्यक आहे.  
ब) जर कंत्राटदाराने विहित मुदतीत आदेशित काम पुर्ण केले नाही तर किंवा विलंबाचा संयुक्तीक खुलासा न केल्यास आदेशीत 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 करुन काम पुर्ण करण्यात येईल.
  10. देयकातुन सुरक्षा रक्कम, आयकर, जी.एस.टी. जिपसेस व इतर सर्व करांची शासकीय नियमानुसार वजावट करुन देयक अदा करण्यात येईल.
  11. मक्तेदारांनी कामाचे नकाशे, निविदेतील अटी व शर्तीनुसार Specifications कामाचे स्थळ मंजूर व साहित्याची उपलब्धता या सर्व बाबींचा अभ्यास करुन 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 पुर्ण 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  
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**Rural Water Supply Division**

**Zilla Parishad Solapur**

**Mechanical Sub-Division**

**Zilla Parishad Solapur**

**15TH FINANCE COMMISSION - Z.P.LEVEL**

**ESTIMATE FOR**

**Providing , Supplying And Commissioning Reverse Osmosys  
System 1000 LPH , Chiller With Shed And Dilling Borewell With  
Ele.Submersible Pump And Necessary Work.**

|                       |                         |
|-----------------------|-------------------------|
| <b>VILLAGE NAME :</b> | <b>Kasegaon</b>         |
| <b>LOCATION :</b>     | <b>SIDHESHWAR WASTI</b> |
| <b>TALUKA :</b>       | <b>Pandharpur</b>       |
| <b>DIST :</b>         | <b>SOLAPUR</b>          |

**ESTIMATED COST RS. 599946.00**

Name of work :-

Providing , Supplying And Commissioning Reverse Osmosys System 9000 LPH , Chiller With Shed  
And Dilling Borewell With Ele.Submersible Pump And Necessary Work.

Village Name. : Kasegaon

Location . Sidheshwar Wasti

Taluka. : Pandharpur

Dist. Solapur

## **ABSTRACT**

| Sr.No. | Details            | Nos | Amount    |
|--------|--------------------|-----|-----------|
| 1      | Drilling Borewell  | 1   | 37639.00  |
| 2      | ELE. Pump Work     | 1   | 57132.00  |
| 3      | Shed For R.O.Plant | 1   | 172890.38 |
| 4      | R.O System         | 1   | 332285.00 |
| Total  |                    |     | 599946.38 |
| R/O Rs |                    |     | 599946.00 |

  
Jr. Engr. / Sect. Engr.  
Mech. Sub-Division Z.P.  
SOLAPUR

  
Deputy Engineer (Mech.)  
Mech. Sub-Division Z.P.  
SOLAPUR

**Zilla Parishad Solapur**  
**Rural Water Supply Division**

**Office Of Dy.Engineer(Mech), Mechanical Sub Division.**

**Village : - Kasegaon**

**Taluka :**

**Pandharpur**

**Location : Sidheshwar Wasti**

**Dist :**

**SOLAPUR**

**Bore Well Estimate**

**PART NO.1**

| Qty.<br>1 | Item of work<br>2                                                                      | Rate<br>3 | Unit<br>4       | Amount<br>5     |
|-----------|----------------------------------------------------------------------------------------|-----------|-----------------|-----------------|
|           | <b>ITEM NO.1</b>                                                                       |           |                 |                 |
| 1.00      | Bore Well Serve Charges                                                                | 2500.00   | Job             | 2500.00         |
|           | (GSDA rates )                                                                          |           |                 |                 |
|           | <b>ITEM NO.2</b>                                                                       |           |                 |                 |
| 60.00     | Drilling For Borewell                                                                  | 436.00    | Job             | 26160.00        |
|           | <b>ITEM NO.3</b>                                                                       |           |                 |                 |
| 6.00      | Providing , Fixing and grouting 180 mm PVC Casing Pipe 6Kg/cm with coulping at one end | 1207.00   | Mtr             | 7242.00         |
|           | (GSDA rates 2020-21 dated 16.10.2020)                                                  |           |                 |                 |
|           | <b>ITEM NO.4</b>                                                                       |           |                 |                 |
| 1         | Borewell Yeild Testing Charges                                                         | 1737.00   | Job             | 1737.00         |
|           |                                                                                        |           |                 |                 |
|           |                                                                                        |           |                 |                 |
|           |                                                                                        |           | <b>RS</b>       | <b>37639.00</b> |
|           |                                                                                        |           | <b>Total RS</b> | <b>37639.00</b> |
|           |                                                                                        |           |                 |                 |

Prepared by

  
**Jr Engineer (Mech),**  
**Mechanical Sub division,**  
**Zilla Parishad, Solapur**

  
**Dy Engineer (Mech),**  
**Mechanical Sub division,**  
**Zilla Parishad, Solapur**

**Name of work :-**

### Implementation of Solar Energy based Dual pump mini water supply scheme

**Village Name. : Kasegaon**

**Taluka. : Pandharpur**

**Location – Sidheshwar Wasti**

**Dist. Solapur**

### ELE. Pump Estimate

## PART .2

| <b>Qty.</b>  | <b>Item of work</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Rate</b> | <b>Unit</b> | <b>Amount</b>   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------|
| <b>1</b>     | <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>3</b>    | <b>4</b>    | <b>5</b>        |
|              | <b>ITEM NO.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>1.00</b>  | Supplying and erecting minimum Three & above star rated submersible pump set of 1.5 KW/2 HP with 230 V, 50 c/s AC supply suitable for 100 mm dia. borewell suitable for 10 to 95 LPM discharge at 167 to 36 m head & discharge & delivery pipe of Size-32 mm diameter with a necessary H type clamps as per specification No. WP-SMP<br><b>(PWD ELE DSR 2022-23 I.No. 12-2-39)</b>                                                                      | 25704.00    | Job         | 25704.00        |
|              | <b>ITEM NO.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>0.00</b>  | Providing & fixing of special water chamber for dual pump<br><b>(GSDA Rates 2023-24 dated 4.10.2023)</b>                                                                                                                                                                                                                                                                                                                                                | 1949.00     | Job         | 0.00            |
|              | <b>ITEM NO.3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>5.00</b>  | Providing & fixing Garware Wire rope 12 mm (Market Rate)<br><b>(Market Rate)</b>                                                                                                                                                                                                                                                                                                                                                                        | 200.00      | Kg          | 1000.00         |
|              | <b>ITEM NO.4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>1.00</b>  | Supplying & erecting automatic control panel for 3 Phase , 415 volt, A.C, Submersible/centrifugal pump set up to 7.5 HP consisting of DOL starter having relay range 9-14 AMP,S.P.P., Combined ammeter/ voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection. Control Panel should offer single phasing, phase reversal, phase imbalance etc .<br><b>(PWD ELE DSR 2022-23 I.No. 12-4-17)</b> | 6063.00     | Nos         | 6063.00         |
|              | <b>ITEM NO.5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>60.00</b> | Supplying and erecting high density polythene pipe ISI mark 32 mm dia. suitable for pressure of 6 kg/cm2 connected to jet/submersible pump with required material complete.<br><b>(PWD ELE DSR 2022-23 I.No. 16-5-167)</b>                                                                                                                                                                                                                              | 57.00       | Mtr         | 3420.00         |
|              | <b>ITEM NO.6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>9.00</b>  | 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<br><b>(PWD DSR 2022-2023, I.No.42.91 Sr.No.1462)</b>                                                                                                                | 355.00      | Rmt         | 3195.00         |
|              | <b>ITEM NO.7</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                 |
| <b>65.00</b> | Supplying & erecting flat flexible 3 core 2.5 sq.mm PVC sheathed submersible type copper cable suitably clamped at fixed intervals with column pipe assembly complete.<br><b>(PWD ELE. DSR 2023-24, Item no.12-4-9 )</b>                                                                                                                                                                                                                                | 139.00      | mtr         | 9035.00         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |                 |
|              | <b>TOTAL RS.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             | <b>48417.00</b> |
|              | <b>Add GST 18 %</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             | <b>8715.06</b>  |
|              | <b>TOTAL RS.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             | <b>57132.06</b> |
|              | <b>SAY RS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |             | <b>57132.00</b> |

Prepared by

Jr.Engr / Sect.Engr.  
Mech. Sub-Division Z.P.  
SOLAPUR

Deputy Engineer (Mech.)  
Mech. Sub-Division Z.P.  
SOLAPUR

Name of work :-  
Implementation of Solar Energy based Dual pump mini water supply scheme

## MEASUREMENT

### ITEM NO.1

Supplying and erecting minimum Three & above star rated submersible pump set of 1.5 KW/2 HP with 230 V, 50 c/s AC supply suitable for 100 mm dia. borewell suitable for 10 to 95 LPM discharge at 167 to 36 m head & discharge & delivery pipe of Size-32 mm diameter with a necessary H type clamps as per specification No. WP-SMP

= 1.00 Job

### ITEM NO.2

Providing & fixing of special water chamber for dual pump

= 0.00 Nos

### ITEM NO.3

Providing & fixing Garware Wire rope 10 mm (Market Rate)

= 5.00 Kg

### ITEM NO.4

Supplying & erecting automatic control panel for 3 Phase , 415 volt, A.C, Submersible/centrifugal pump set up to 7.5 HP consisting of DOL starter having relay range 9-14 AMP, S.P.P., Combined ammeter/ voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection. Control Panel should offer single phasing, phase reversal, phase imbalance etc .

= 1.00 Nos

### ITEM NO.5

Supplying and erecting high density polythene pipe ISI mark 32 mm dia. suitable for pressure of 6 kg/cm<sup>2</sup> connected to jet/submersible pump with required material complete.

= 60.00 Mtrs

### ITEM NO.6

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

= 9.00 Mtrs

### ITEM NO.7

Supplying & erecting flat flexible 3 core 2.5 sq.mm PVC sheathed submersible type copper cable suitably clamped at fixed intervals with column pipe assembly complete.

= 65.00 Mtrs

Prepared by

  
Jr. Engr. / Sect. Engr.  
Mech. Sub-Division Z.P.  
SOLAPUR

  
Deputy Engineer (Mech.)  
Mech. Sub-Division Z.P.  
SOLAPUR

**Zilla Parishad Solapur**  
**Rural Water Supply Division**  
**Office Of Dy.Engineer(Mech), Mechanical Sub Division.**

**Providing & Erecting Shed for 1000 LPH Reverse Osmosis System Shed.**  
**At Sidheshwar Wasti, Village : Kasegaon, Tal : Pandharpur**

**ESTIMATE - 3**

| Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Qty.  | Rate     | Per  | Amt.     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|------|----------|
| <b>ITEM NO.01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.46  | 239.00   | Cum  | 825.98   |
| <b>(P.W.D.S.R. 22-23 Item No.12.02 (a))</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |          |      |          |
| <b>ITEM NO.02</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering etc.complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.32  | 5025.00  | Cum  | 21708.00 |
| <b>PWD DSR 22-23 Item No.28.01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |          |      |          |
| <b>ITEM NO.03</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.40  | 92.00    | Cum  | 313.09   |
| <b>MJP DSR 2022-23 Item No.E-17</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |          |      |          |
| <b>ITEM NO.04</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.27  | 5830.00  | Cum  | 7399.36  |
| <b>(P.W.D D.S.R. 22-23 Item No.24.01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |          |      |          |
| <b>ITEM NO.05</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| 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 .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.29  | 89181.00 | MT   | 26213.82 |
| <b>PWD DSR 22-23 Item No.23.01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |          |      |          |
| <b>ITEM NO.06</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |      |          |
| Providing and fixing colour coated Zinalume ( R ) AZ150 (min150gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5mmTCT), Hi-strength steel with min. 550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon ) with COLOR BOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five panat nominal 180-250 mm center-to-center. The end ribs hall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturer s product details marked are gular interval. Including fasteners with min. fastened with min.25um Zinc-Tin alloy coated, Hexhead, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre) | 51.55 | 1173.00  | Sq.M | 60471.08 |
| <b>PWD DSR 22-23 Item No.38.34</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |          |      |          |



**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       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|--------------|--------------|---------------|------------|
| <b>ITEM NO.01</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| 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) |      |        |              |              |               |            |
| For Wall                                                                                                                                                                                                                                                                                                                                                                                                | 2.00 | 3.65   | 0.45         | 0.60         | 1.97          |            |
| For Wall                                                                                                                                                                                                                                                                                                                                                                                                | 2.00 | 2.75   | 0.45         | 0.60         | 1.49          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>TOTAL</b> |              | <b>3.46</b>   | <b>Cum</b> |
| <b>ITEM NO.02</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering etc.complete.                                                                                                                         |      |        |              |              |               |            |
| For Wall                                                                                                                                                                                                                                                                                                                                                                                                | 2.00 | 3.65   | 0.45         | 0.75         | 2.46          |            |
| For Wall                                                                                                                                                                                                                                                                                                                                                                                                | 2.00 | 2.75   | 0.45         | 0.75         | 1.86          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>TOTAL</b> |              | <b>4.32</b>   | <b>Cum</b> |
| <b>ITEM NO.03</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| 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 | 2.75   | 2.75         | 0.45         | 3.40          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>TOTAL</b> |              | <b>3.40</b>   | <b>Cum</b> |
| <b>ITEM NO.04</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| 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   | 0.45         | 0.10         | 0.00          |            |
| PCC Above Besment Flooring                                                                                                                                                                                                                                                                                                                                                                              | 1.00 | 3.65   | 3.65         | 0.08         | 1.00          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>TOTAL</b> |              | <b>1.27</b>   | <b>Cum</b> |
| <b>ITEM NO.05</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| 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 .                                                                          |      |        |              |              |               |            |
| <b>M.S.Sq.Pipe 50x50x2.6mm</b>                                                                                                                                                                                                                                                                                                                                                                          |      |        |              |              |               |            |
| Vertical Column Pipe                                                                                                                                                                                                                                                                                                                                                                                    | 5.00 | 3.65   | -            | -            | 18.25         |            |
| Perling Pipe Top                                                                                                                                                                                                                                                                                                                                                                                        | 2.00 | 3.65   | -            | -            | 7.30          |            |
| Wall harizantal Pipe (Wall No.1 to 3)                                                                                                                                                                                                                                                                                                                                                                   | 9.00 | 3.65   | -            | -            | 32.85         |            |
| Wall harizantal Pipe (Wall No.4)                                                                                                                                                                                                                                                                                                                                                                        | 3.00 | 2.15   | -            | -            | 6.45          |            |
| Wall harizantal Pipe (Wall No.4)                                                                                                                                                                                                                                                                                                                                                                        | 0.00 | 3.00   | -            | -            | 0.00          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>Total</b> |              | <b>64.85</b>  | <b>RMT</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      | 64.85  | 4.07         | Kg/mtr       | <b>263.94</b> | <b>KG</b>  |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      | 263.94 | 1000.00      |              | <b>0.26</b>   | <b>MT</b>  |
| <b>For Info Board</b>                                                                                                                                                                                                                                                                                                                                                                                   |      |        |              |              | <b>0.03</b>   |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        |              | <b>Total</b> | <b>0.29</b>   |            |
| <b>ITEM NO.06</b>                                                                                                                                                                                                                                                                                                                                                                                       |      |        |              |              |               |            |
| 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 boit, galvanized iron screw and bolt and lead and bitumen washers complete(Wt 6.8kg/sqm)                                                                                                                                                    |      |        |              |              |               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         | 4.00 | 3.65   | -            | 2.90         | 42.34         |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         | 1.00 | 3.65   | 3.65         |              | 13.32         |            |
| <b>Deduction For Rolling Shutter</b>                                                                                                                                                                                                                                                                                                                                                                    | 1.00 |        | 1.50         | 2.74         | 4.11          |            |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                            |      |        |              |              | <b>55.66</b>  |            |
| <b>Total Deduction</b>                                                                                                                                                                                                                                                                                                                                                                                  |      |        |              |              | <b>4.11</b>   |            |
|                                                                                                                                                                                                                                                                                                                                                                                                         |      |        | <b>TOTAL</b> |              | <b>51.55</b>  | <b>Cum</b> |

| Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No   | Length | Breadth | Depth | Qty.  | Unit |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|---------|-------|-------|------|
| <b>ITEM NO.07</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |        |         |       |       |      |
| 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  |      |
| <b>ITEM NO.08</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |        |         |       |       |      |
| 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 |        | 3.65    | 3.65  | 13.32 | Sqm  |

  
 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 Deputy Engineer (Mech) Sub.Division**

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

Village Name :- KASEGAON

Taluka :- PANDHARPU  
R Dist : SOLAPUR

At :- SIDHESHWAR WASTI

**ESTIMATE - 4**

| Quantity | Unit | ITEM                                                                                                                                                | Rate      | Per | Amount                                                                                       |
|----------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|----------------------------------------------------------------------------------------------|
|          |      | ITEM NO.01                                                                                                                                          |           |     |                                                                                              |
| 1        | Set  | Providing, supplying and commissioning of 1000 LPH REVERSE OSMOSIS system with Drinking Water Automatic Dispensing Machine With One Years Warantity | 256000.00 | 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/                                                               |
|          |      | 3. Capacity                                                                                                                                         |           |     | 1 HP (0.75 KW)                                                                               |
|          |      | 4. Head                                                                                                                                             |           |     | 30 Mtr.                                                                                      |
|          |      | 5. Discharge                                                                                                                                        |           |     | 2500 LPH                                                                                     |
|          |      | 6. Accessories                                                                                                                                      |           |     | Auto Cut Solenoid Valve ¾ Inches                                                             |
|          |      | 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.)<br>(Big Jumbo)                                                   |
|          |      | 2. Cartridge                                                                                                                                        |           |     | 5 Micron                                                                                     |
|          |      | 3. Capacity                                                                                                                                         |           |     | 0.5 Cum/Hour                                                                                 |
|          |      | 4. Moc Of Cartridge                                                                                                                                 |           |     | Polypropylene                                                                                |
|          |      | 6. Antiscalent 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<br>Flow/CRI/CNP/Leo/Lubi/ Shakti /<br>Groundfos                       |
|          |      | 6. Accessories                                                                                                                                      |           |     | With Low Pressure Switch.                                                                    |
|          |      | 8. Chasis                                                                                                                                           |           |     |                                                                                              |
|          |      | 1. Moc Of Chasis                                                                                                                                    |           |     | S.S. Grid Chassis.<br>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/<br>Hydrounotics                                                         |
|          |      | 7. Accessories                                                                                                                                      |           |     | Necessary size of Module And<br>pressure Tube, Auto Flush with<br>3/4 Inches Solenoid Valve. |
|          |      | 10. Instrumentation And<br>Electrical Components                                                                                                    |           |     |                                                                                              |
|          |      | 1. Type                                                                                                                                             |           |     | Fully Automatic                                                                              |
|          |      | 2. Accessories                                                                                                                                      |           |     | 1. Pressure Gauge-2 Nos<br>2. Rotameter- 2400 – 1 Nos.                                       |

|                                                                          |     |                                                                                                                               |                                                       |          |           |
|--------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------|-----------|
|                                                                          |     |                                                                                                                               | 2400 — 1 Nos.                                         |          |           |
|                                                                          |     |                                                                                                                               | 3. Electronic Control Panel Board                     |          |           |
| 11. Piping.                                                              |     | 1. Raw Water Tank To Inlet Of High                                                                                            | uPVC                                                  |          |           |
|                                                                          |     | 2. Out Let Of High Pressure Pump To                                                                                           | S.S.-304 Staines Steel Piping.                        |          |           |
| 12. UV Disinfection Unit                                                 |     | 1. Quantity                                                                                                                   | 01 Nos.                                               |          |           |
|                                                                          |     | 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                                                                                                                | Staines 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 | Electrification And Wiring                                                                                                    | 10474.86                                              | Job      | 10474.86  |
| (As Per Rate Analysis)                                                   |     |                                                                                                                               |                                                       |          |           |
|                                                                          |     | Item No.5                                                                                                                     |                                                       |          |           |
| 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      | 810.00    |
| Rates Aprooved By GSDA /SOLAR PUMP /RC /F- NO 25/834/2013-14 dt 1.3.2014 |     |                                                                                                                               |                                                       |          |           |
|                                                                          |     |                                                                                                                               |                                                       | TOTAL RS | 332284.86 |
|                                                                          |     |                                                                                                                               |                                                       | SAY      | 332285.00 |

Estimate Prepared By

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

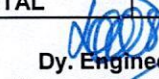
Checked And Submitted By

  
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 Providing & Erecting Reverse Osmosis System.**

| Items                                                                                                                                                                                                                        | Qty.  | Rate    | Per             | Amt.            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------------|-----------------|
| <b>Item No. 1</b>                                                                                                                                                                                                            |       |         |                 |                 |
| 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                                             | 5.00  | 365.00  | No              | 1825.00         |
| PWD Ele DSR 2022-23 Item No.1.7.17)                                                                                                                                                                                          |       |         |                 |                 |
| <b>Item No. 2</b>                                                                                                                                                                                                            |       |         |                 |                 |
| Wiring for plug on board with Switch socket, copper wiring and earthing as per specification No: WG-PW/SW                                                                                                                    | 2.00  | 116.00  | No              | 232.00          |
| PWD Ele DSR 2022-23 Item No.1.7.25)                                                                                                                                                                                          |       |         |                 |                 |
| <b>Item No. 3</b>                                                                                                                                                                                                            |       |         |                 |                 |
| Supplying, erecting & marking DPMCB 6 A to 32 A B- series (for lighting) in provided distribution board as per specification no. SW- SWR/MCB                                                                                 | 2.00  | 510.00  | No              | 1020.00         |
| PWD Ele DSR 2022-23 Item No.5.3.7)                                                                                                                                                                                           |       |         |                 |                 |
| <b>Item No. 4</b>                                                                                                                                                                                                            |       |         |                 |                 |
| Supplying and erecting mains with 2x2.5 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                                 | 15.00 | 62.00   | Mtr             | 930.00          |
| PWD Ele DSR 2022-23 Item No.1.3.2)                                                                                                                                                                                           |       |         |                 |                 |
| <b>Item No. 5</b>                                                                                                                                                                                                            |       |         |                 |                 |
| Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4 feet, T8 LED tube light (excluding tube light). + Supplying and erecting T8 Fluorescent tube day light 1200mm, 36 W                         | 4.00  | 326.00  | No              | 1304.00         |
| PWD Ele DSR 2022-23 Item No.2.1.1 And 8-2-8)                                                                                                                                                                                 |       |         |                 |                 |
| <b>Item No. 6</b>                                                                                                                                                                                                            |       |         |                 |                 |
| 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  | 1848.00 | No              | 1848.00         |
| PWD Ele DSR 2022-23 Item No.2.10-1)                                                                                                                                                                                          |       |         |                 |                 |
| <b>Item No. 7</b>                                                                                                                                                                                                            |       |         |                 |                 |
| 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  | 2032.00 | No              | 1718.00         |
| PWD Ele DSR 2022-23 Item No.2.10.15)                                                                                                                                                                                         |       |         |                 |                 |
|                                                                                                                                                                                                                              |       |         | <b>TOTAL</b>    | <b>8877.00</b>  |
|                                                                                                                                                                                                                              |       |         | <b>GST 18 %</b> | <b>1597.86</b>  |
|                                                                                                                                                                                                                              |       |         | <b>TOTAL</b>    | <b>10474.86</b> |

  
**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 1968 मधील नियम क्रं. 04 चे परिशिष्ट 2  
2. महाराष्ट्र शासन, शासन निर्णय क्रं. झेडपीए 2012 / प्र.क्र. 680 / वित्त - 09 / दिनांक :- 31 / 01 / 2018.  
3. महाराष्ट्र शासन पाणी पुरवठा व स्वच्छता विभाग क्र. आपना/0222/प्र.क्र.292/पापु-15 दि. 30/09/2024.  
4. मा. मुख्य कार्यकारी अधिकारी, जिल्हा परिषद, सोलापूर यांचे कडील प्रशासकीय मान्यता आदेश  
जा.क्र.जिपसो/साप्रवि-2/मुलकी-3/6925/24 जिल्हा परिषद सोलापूर दिनांक :- 25/07/2024.

जा.क्र. उप अभियंता (यां)/याउवि/जिपसो/तांमा /E- 3445417 /2024

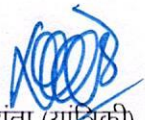
उप अभियंता (यांत्रिकी), यांत्रिकी उपविभाग,  
जिल्हा परिषद सोलापूर  
दिनांक :- 10/12/2024

तांत्रिक मान्यता आदेश :-

उपरोक्त संदर्भीय क्रं. 01 चे अधिकार व संदर्भीय क्रं. 03 च्या शासन निर्णयान्वये शासनाचे प्रदान केलेल्या शक्तीचा उपयोग करून मी, उप अभियंता (यांत्रिकी), यांत्रिकी उपविभाग जिल्हा परिषद सोलापूर खालील प्रमाणे प्रस्तावित कामास तांत्रिक मान्यता प्रदान करत आहे.

| अ.क्र.  | गाव / तालुका / ठिकाण |                  | कामाचे विवरण              | योजना                                           | संख्या | अंदाजपत्रीय खर्चाची रक्कम<br>रुपये |
|---------|----------------------|------------------|---------------------------|-------------------------------------------------|--------|------------------------------------|
|         | गाव                  | कासेगाव          | आर.ओ.<br>फिल्टर<br>बसविणे | 15 वा वित्त<br>आयोग जि.प.<br>स्तर सन<br>2024-25 | 1      | 5,99,946.00                        |
|         | तालुका               | पंढरपुर          |                           |                                                 |        |                                    |
|         | ठिकाण                | सिध्देश्वर वस्ती |                           |                                                 |        |                                    |
| एकूण :- |                      |                  |                           |                                                 |        | 5,99,946.00                        |

अक्षरी :- पाच लक्ष नव्याण्णव हजार नऊशे शेहेचाळीस रुपये फक्त

  
उप अभियंता (यांत्रिकी)  
यांत्रिकी उपविभाग  
जिल्हा परिषद सोलापूर

प्रति,

सरपंच / ग्रामसेवक

ग्रामपंचायत कार्यालय, कासेगाव तालुका पंढरपुर  
मा.गट विकास अधिकारी पंचायत समिती पंढरपुर यांना माहिती व उचित कार्यवाहीस्तव.

**Zilla Parishad Solapur**  
**Rural Water Supply Division**

**Office Of Dy.Engineer(Mech), Mechanical Sub Division.**

**Village : - Kasegaon**  
**Location : Sidheshwar Wasti**

**Taluka : Pandharpur**  
**Dist : SOLAPUR**

**BOQ**

**Name of Work :- Bore Well Estimate**  
**PART NO.1**

| Qty.  | Item of work                                                                           | Rate            | Unit | Amount          |
|-------|----------------------------------------------------------------------------------------|-----------------|------|-----------------|
| 1     | 2                                                                                      | 3               | 4    | 5               |
|       | <b>ITEM NO.1</b>                                                                       |                 |      |                 |
| 1.00  | Bore Well Serve Charges                                                                | 2500.00         | Job  | 2500.00         |
|       | <b>ITEM NO.2</b>                                                                       |                 |      |                 |
| 60.00 | Drilling For Borewell                                                                  | 436.00          | Job  | 26160.00        |
| 6.00  | Providing , Fixing and grouting 180 mm PVC Casing Pipe 6Kg/cm with coupling at one end | 1207.00         | Mtr  | 7242.00         |
|       | <b>ITEM NO.4</b>                                                                       |                 |      |                 |
| 1     | Borewell Yeild Testing Charges                                                         | 1737.00         | Job  | 1737.00         |
|       |                                                                                        | <b>Total RS</b> |      | <b>37639.00</b> |

**Name of Work :-Implementation of Solar Energy based Dual pump mini water supply scheme**  
**PART NO.2**

| Qty.  | Item of work                                                                                                                                                                                                                                                                                                                                                                                              | Rate                | Unit | Amount          |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------|-----------------|
| 1     | 2                                                                                                                                                                                                                                                                                                                                                                                                         | 3                   | 4    | 5               |
|       | <b>ITEM NO.1</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 1.00  | Supplying and erecting minimum Three & above star rated submersible pump set of 1.5 KW/2 HP with 230 V, 50 c/s AC supply suitable for 100 mm dia. borewell suitable for 10 to 95 LPM discharge at 167 to 36 m head & discharge & delivery pipe of Size-32 mm diameter with a necessary H type clamps as per specification No. WP-SMP                                                                      | 25704.00            | Job  | 25704.00        |
|       | <b>ITEM NO.2</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 0.00  | Providing & fixing of special water chamber for dual pump                                                                                                                                                                                                                                                                                                                                                 | 1949.00             | Job  | 0.00            |
|       | <b>ITEM NO.3</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 5.00  | Providing & fixing Garware Wire rope 12 mm (Market Rate)                                                                                                                                                                                                                                                                                                                                                  | 200.00              | Kg   | 1000.00         |
|       | <b>ITEM NO.4</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 1.00  | Supplying & erecting automatic control panel for 3 Phase , 415 volt, A.C, Submersible/centrifugal pump set up to 7.5 HP consisting of DOL starter having relay range 9-14 AMP,S.P.P., Combined ammeter/ voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection. Control Panel should offer single phasing, phase reversal, phase imbalance etc . | 6063.00             | Nos  | 6063.00         |
|       | <b>ITEM NO.5</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 60.00 | Supplying and erecting high density polythene pipe ISI mark 32 mm dia. suitable for pressure of 6 kg/cm2 connected to jet/submersible pump with required material complete.                                                                                                                                                                                                                               | 57.00               | Mtr  | 3420.00         |
|       | <b>ITEM NO.6</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 9.00  | 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                                                                                                                       | 355.00              | Rmt  | 3195.00         |
|       | <b>ITEM NO.7</b>                                                                                                                                                                                                                                                                                                                                                                                          |                     |      |                 |
| 65.00 | Supplying & erecting flat flexible 3 core 2.5 sq.mm PVC sheathed submersible type copper cable suitably clamped at fixed intervals with column pipe assembly complete.                                                                                                                                                                                                                                    | 139.00              | mtr  | 9035.00         |
|       |                                                                                                                                                                                                                                                                                                                                                                                                           | <b>TOTAL RS.</b>    |      | <b>48417.00</b> |
|       |                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Add GST 18 %</b> |      | <b>8715.06</b>  |
|       |                                                                                                                                                                                                                                                                                                                                                                                                           | <b>TOTAL RS.</b>    |      | <b>57132.06</b> |

**Name Of Work:- Providing & Erecting Shed for 1000 LPH Reverse Osmosis System Shed.**

**PART NO.3**

| Qty.               | Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rate     | Per  | Amt.             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------------|
|                    | <b>ITEM NO.01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 3.46               | 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  | 825.98           |
|                    | <b>ITEM NO.02</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 4.32               | Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually, striking joints on unexposed faces and watering etc.complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5025.00  | Cum  | 21708.00         |
|                    | <b>ITEM NO.03</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 3.40               | 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  | 313.09           |
|                    | <b>ITEM NO.04</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 1.27               | 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  | 7399.36          |
|                    | <b>ITEM NO.05</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 0.29               | 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 .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 89181.00 | MT   | 26213.82         |
|                    | <b>ITEM NO.06</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 51.55              | Providing and fixing colour coated Zinalume ( R ) AZ150 (min150gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5mmTCT), Hi-strength steel with min. 550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon ) with COLOR BOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five panat nominal 180-250 mm center-to-center. The end ribs hall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturer s product details marked are gular interval. Including fasteners with min. fastened with min.25um Zinc-Tin alloy coated, Hexhead, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre) | 1173.00  | Sq.M | 60471.08         |
|                    | <b>ITEM NO.07</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 4.11               | 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)                                                                                                                                                                                                                                                                                                                                                                                       | 4829.00  | Sq.M | 19847.19         |
|                    | <b>ITEM NO.08</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                  |
| 13.32              | 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 | 9738.75          |
| <b>TOTAL</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      | <b>146517.27</b> |
| <b>Add GST 18%</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      | <b>26373.11</b>  |
| <b>Gross Total</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      | <b>172890.38</b> |

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

**PART NO.4**

| Qty.  | Items                                                                                                                                                                                                                        | Rate            | Per | Amt.      |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|-----------|
|       | ITEM NO.01                                                                                                                                                                                                                   |                 |     |           |
| 1.00  | Providing, supplying and commissioning of 1000 LPH REVERSE OSMOSIS system with Drinking Water Automatic Dispensing Machine With One Years Warantity                                                                          | 256000.00       | Set | 256000.00 |
|       | ITEM NO.02                                                                                                                                                                                                                   |                 |     |           |
| 1.00  | Chiller 2 Tonn Capacity                                                                                                                                                                                                      | 65000.00        | Nos | 65000.00  |
|       | ITEM NO.03                                                                                                                                                                                                                   |                 |     |           |
|       | Electrification And Wiring                                                                                                                                                                                                   |                 |     |           |
|       | Item No. 1                                                                                                                                                                                                                   |                 |     |           |
| 5.00  | 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                                             | 365.00          | No  | 1825.00   |
|       | Item No. 2                                                                                                                                                                                                                   |                 |     |           |
| 2.00  | Wiring for plug on board with Switch socket, copper wiring and earthing as per specification No: WG-PW/SW                                                                                                                    | 116.00          | No  | 232.00    |
|       | Item No. 3                                                                                                                                                                                                                   |                 |     |           |
| 2.00  | Supplying, erecting & marking DPMCB 6 A to 32 A B- series (for lighting) in provided distribution board as per specification no. SW-SWR/MCB                                                                                  | 510.00          | No  | 1020.00   |
|       | Item No. 4                                                                                                                                                                                                                   |                 |     |           |
| 15.00 | Supplying and erecting mains with 2x2.5 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                                 | 62.00           | Mtr | 930.00    |
|       | Item No. 5                                                                                                                                                                                                                   |                 |     |           |
| 4.00  | Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4 feet, T8 LED tube light (excluding tube light). + Supplying and erecting T8 Fluorescent tube day light 1200mm, 36 W                         | 326.00          | No  | 1304.00   |
|       | Item No. 6                                                                                                                                                                                                                   |                 |     |           |
| 1.00  | Supplying and erecting regular/ standard model ceiling fan of 900 /1050 mm. sweep complete erected in position as per specification no. FG-FN/CF                                                                             | 1848.00         | No  | 1848.00   |
|       | Item No. 7                                                                                                                                                                                                                   |                 |     |           |
| 1.00  | 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. | 2032.00         | No  | 1718.00   |
|       |                                                                                                                                                                                                                              | Item NO 3 TOTAL |     | 8877.00   |
|       |                                                                                                                                                                                                                              | GST 18 %        |     | 1597.86   |
|       |                                                                                                                                                                                                                              | Item NO 3 TOTAL |     | 10474.86  |
|       | ITEM NO.04                                                                                                                                                                                                                   |                 |     |           |
| 0.54  | 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    |
|       |                                                                                                                                                                                                                              | TOTAL RS        |     | 332284.86 |
|       | Total Of Part 1 +Part 2 + Part 3 + Part 4                                                                                                                                                                                    |                 |     | 599946.30 |
|       | Say Total                                                                                                                                                                                                                    |                 |     | 599946.00 |
|       | Rate quoted by contractor                                                                                                                                                                                                    |                 |     |           |

  
**Deputy Engineer (Mech)**  
 Mechanical Sub Division, Zilla Parishad, Solapur

  
**Executive Engineer**  
 Rural Water Supply Division, Zilla Parishad, Solapur.