

ZILLA PARISHAD SOLAPUR

RURAL WATER SUPPLY SUB DIV MANGALWEDHA/PANDHARPUR

ESTIMATE

Division:-

Sanctioned Estimate  
No.:

Fund Head:-

15 TH FC VP Level

Major Head:-

2023-24

Minor Head:-

Service Head:-

Department Head:-

Estimate framed in the office of the Executive Engineer Rural Water Supply Dn. Z. P. Solapur  
Division of the probable expenses that will be incurred on

**Nmae Of Work:-**

**Providing , Supplying , Instalation & Comissioning Of Rooftop On Grid Solar System @ Village  
Panchayat Office Government Building At Village jadhavwadi Tal Pandharpur**

Z. P. school

**RS 299278.00**

**Administratively Approved Under:-**

**VP JADHAVWADI Tal Pandharpur 15 TH FC VP Level Approved Action Plan Year 2022-23**

No.

**Technically sanctioned under- DE/RWS/Pandharpur T.S.Reg.No. 446/2022-23**

**Estimate prepared by**

**jadhav.S.b**

**Asst Juni Engi**

**Checked By**

**Pujari.S.r**

**Sect. Engineer**

**GENERAL DESCRIPTION**

Shephrate Sheet Attached

Note:

The abstract should be signed at the end by Executive Engineer and the Sub-Divisional Officer, and if necessary by the Superintending Engineer and the Chief Engineer, The signature should be dated (including Year)

**ZILLA PARISHAD SOLAPUR**  
**RURAL WATER SUPPLY SUB DIV MANGALWEDHA/PANDHARPUR**

**Recapitulation Sheet**

**Name Of Work :-**


**Providing , Supplying , Instalation & Comissioning Of Rooftop On Grid Solar System @ Village  
Machayat Office Government Building At Village jadhavwadi Tal Pandharpur**


**Standard :- 15 TH Fc VP Level**

**Administratively Approved Under:-**


**W.P. JADHAVWADI Tal Pandharpur 15 TH FC VP Level Approved Action Plan Year 2022-23**

Sr.No.	DISCRIPTION		AMOUNT
1	Work Portion	RS	253625.10
2	Add GST 18%	RS	45652.52
3	Total		299277.62
	<b>Total</b>	RS	<b>299278.00</b>

  
**Assistant junior Engineer**  
**Rural Water Supply Sub Div**  
**Mangalwedha/Pandharpur**

  
**Sub Divisional Engineer**  
**Rural Water Supply Sub Div**  
**Mangalwedha/Pandharpur**

**Technically Sanctioned for Rs. 299278.00/- (Rs. Two Lack ninety nine thoesund two Hundred  
seventy eighth Only.) Under T.S. Reg. No. 696 For the Year 2023-24**

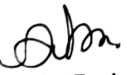
  
**Sub Divisional Engineer**  
**Rural Water Supply Sub Div**  
**Mangalwedha/Pandharpur**


**ZILLA PARISHAD SOLAPUR**  
**RURAL WATER SUPPLY SUB DIV MANGALWEDHA/PANDHARPUR**  
**ABSTRACTS**

Work :-  
**Supplying, Installation & Commissioning Of Rooftop On Grid Solar System @ Village Panchayat Office  
 Government Building At Village Jadhavwadi Tal Pandharpur**

VS

Sl. No.	ITEM DESCRIPTION	Rate	Unit	AMOUNT
00	Supplying, installing, testing and commissioning of 1 kWp OFF-GRID solar power pack with interconnecting wires / cables up to 12 V pure sine wave solar power inverter (THD<3%), SPV Modules (335 WP X 03 Nos.), C-10 rated lead acid battery bank 12 V, 400 Ah / (12V, 100 Ah x ) suitable for 4 Hours backup with suitable MS powder coated stand to hold battery bank and keeping sufficient space for filling distilled water, canopy box to house inverter and other electronics, wiring up to solar inverter in casing and capping, display board, sign board , two distinct earthing, spike type lightning arrester, necessary accessories complete with 5 year ON-SITE warranty and fully comprehensive maintenance contract as per specification no. ESD-RT-OFG	75762.00	No	227286.00
	( PWD Mchanical DSR 2022-23 Item NO 04-04-02 Page No 77 )			
0.13	Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates, etc. as per detailed design and drawing or as directed by Engineer-in charge including cutting, fabricating, hoisting, erecting and fixing in position, making riveted / bolted / welded connections and one coat of anticorrosive paint and over it two coats of oil painting, etc. complete	95325.00	MT	12803.10
	( MJP CSR 2021-22 Page No 48 Item NO 6 ) .			
2.40	Providing and casting in situ cement concrete M-15 of trap / granite / quartzite / gneiss metal for steps including centering, formwork, compacting, roughening them if special finish is to be provided and curing and finishing if required complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer ... With natural sand.	5640.00	cum	13536.00
	( MJP CSR 2021-22 Page No 49 Item NO 1/b ) .			
	<b>Total</b>		<b>RS</b>	<b>253625.10</b>

  
 Assistant junior Engineer  
 Rural Water Supply Sub Div.  
 Mangalwedha/ Pandharpur

  
 Sub Divisional Engineer ( Class-I)  
 Rural Water Supply Sub Div.  
 Mangalwedha/Pandharpur

ZILLA PARISHAD SOLAPUR

RURAL WATER SUPPLY SUB DIV MANGALWEDHA/PANDHARPUR

ABSTRACTS

Work :-

ng , Supplying , Instalation & Comissioning Of Rooftop On Grid Solar System @ Village Panchayat Office  
ment Building At Village jadhavwadi Tal Pandharpur

Qty	ITEM DESCRIPTION	Rate	Unit	AMOUNT
0.00	Supplying, installing, testing and commissioning of 1 kWp OFF-GRID solar power pack with interconnecting wires / cables up to 12 V pure sine wave solar power inverter (THD<3%), SPV Modules (335 WP X 03 Nos.), C-10 rated lead acid battery bank 12 V, 400 Ah / (12V, 100 Ah x ) suitable for 4 Hours backup with suitable MS powder coated stand to hold battery bank and keeping sufficient space for filling distilled water, canopy box to house inverter and other electronics, wiring up to solar inverter in casing and capping, display board, sign board , two distinct earthing, spike type lightning arrester, necessary accessories complete with 5 year ON-SITE warranty and fully comprehensive maintenance contract as per specification no. ESD-RT-OFG	75762.00	No	227286.00
	( PWD Mchancial DSR 2022-23 Item NO 04-04-02 Page No 77 )			
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	( MJP CSR 2021-22 Page No 48 Item NO 6 ) .			
2.40	Providing and casting in situ cement concrete M-15 of trap / granite / quartzite / gneiss metal for steps including centering, formwork, compacting, roughening them if special finish is to be provided and curing and finishing if required complete,with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer ... With natural sand.	5640.00	cum	13536.00
	( MJP CSR 2021-22 Page No 49 Item NO 1/b ) .			
		<b>Total</b>	<b>RS</b>	<b>253625.10</b>

Assistant junior Engineer  
Rural Water Supply Sub Div.  
Mangalwdha/ Pandharpur

Sub Divisional Engineer ( Class-I)  
Rural Water Supply Sub Div.  
Mangalwedha/Pandharpur

ZILLA PARISHAD SOLAPUR


RURAL WATER SUPPLY SUB DIV MANGALWEDHA/PANDHARPUR

Work :-

ding , Supplying , Instalation & Comissioning Of Rooftop On Grid Solar System @  
 ge Panchayat Office Government Building At Village jadhavwadi Tal Pandharpur

**MEASURMENTS**

DESCRIPTION	No.	Length m	Breadth h m	Height m	Qty
2	3	4	5	6	7
<b>Item No.1</b>					
Supplying, installing, testing and commissioning of 1 kWp OFF-GRID solar power pack with interconnecting wires / cables up to 12 V pure sine wave solar power inverter (THD<3%), SPV Modules (335 WP X 03 Nos.), C-10 rated lead acid battery bank 12 V, 400 Ah / (12V, 100 Ah x ) suitable for 4 Hours backup with suitable MS powder coated stand to hold battery bank and keeping sufficient space for filling distilled water, canopy box to house inverter and other electronics, wiring up to solar inverter in casing and capping, display board, sign board , two distinct earthing, spike type lightning arrester, necessary accessories complete with 5 year ON-SITE warranty and fully comprehensive maintenance contract as per specification no. ESD-RT-OEG					3.00
<b>Item No. 2</b>					
Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates, etc. as per detailed design and drawing or as directed by Engineer-in charge including cutting, fabricating, hoisting, erecting and fixing in position, making riveted / bolted / welded connections and one coat of anticorrosive paint and over it two coats of oil painting, etc. complete					
Square Tube Pipe WT 4.07kg/m	1	3			3.00
	1	3			3.00
	1	3			3.00
	6	4			24.00
					33.00
					0.13431
<b>3 Item No.3</b>					
Providing and casting in situ cement concrete M-15 of trap / granite / quartzite / gneiss metal for steps including centering, formwork, compacting, roughening them if special finish is to be provided and curing and finishing if required complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer ... With natural sand.					
	1	4.0	4.0	0.15	2.4000

  
 Assistant Junior Engineer  
 Rural Water Supply Sub Div.  
 Mangalwdha/ Pandharpur

## COMPLETION CERTIFICATE OF ORIGINAL WORK

**Name of Work** :- Providing, Supplying, Instalation and Comissioning of Rooftop of Grid Solar System at Village JADHAVWADI (Z.P.School Building), Tal.Pandharpur

**Agency** :- Village Panchayat JADHAVWADI, Tal.Pandharpur

**Authority** :- VP/Jadhavwadi/Add.App.No./50 Date :- 25/03/2025


**Estimated Cost Rs. :** :- Rs. 299278.00


**Tech. Senction No.** :- Technically Sanctioned Under- DE/RWS/Pandharpur T.S.Reg.No.446 /2024-25

**Final Valuation Rs.** :- Rs. 282363.00

Certified that that the work mentioned above was completed on dated **04 / 06 / 2024** and that there have been mo material deviation form the sanctioned plan and specification other than those satisfaction by the competant authority.

**M.B. No** 20 K

  
**Asst. Junior Engineer**  
**Rural Water Supply Sub division**  
**Pandharpur**

  
**Sub Divisional Engineer (Class-I)**  
**Rural Water Supply Sub division**  
**Pandharpur**