Empowering jawalwadi the Sustainable Way

Sponsored By







Implemented By

दीपस्तंभ



स्वस्मै स्वल्पं समाजाय सर्वस्वं।

svasmai svalpaṃ samājāya sarvasvaṃ

A little bit for yourself and everything for others!

Project Executed By

दीपस्तंभ

Confidentiality

Deepastambha Charitable Trust, Pune is submitting this document on the understanding that the contents would not be divulged to any third party without prior written consent from Deepastambha Charitable Trust, Pune.

Version	Release	Date	Initials
1.1	V 1.1	10th April 2024	AD, SP

Disclaimer

Deepastambha is a Charitable Trust registered under Bombay Public Trusts Act, 1950. (Reg no: E-5602). Deepastambha is registered under section 80G of Income Tax Act and also registered under the Foreign Contribution Regulation Act, 2010. We offer consultative and operative services for implementation of CSR activities in rural development for better livelihoods and to achieve Sustainability Development Goals – both at the strategic and operational level.


ELL SATARA
Mo-7588380273
8975261107
4436

Index

Page No.

Acknowledgement

About Deepastambha Charitable Trust

About Gramarthan

1. Project Details 1

    1.1 Background 1

    1.2 Objective of the Project 2

    1.3 Research Work 3

    1.4 Documentation Required 4

    1.5 Project Progression 6

    1.6 Project Documentation 7

2. Impact Analysis 8

3. Glimpses 10

4. Future Plan 14

5. Testimonials of Beneficiaries 15

6. References 16

Acknowledgements

It has been an enriching experience collaborating with the Inner Wheel Club of Pune. We extend our gratitude to the club's management for their generous financial support. Our heartfelt thanks go to our mentors and advisors for their inspiring guidance, invaluable constructive criticism, and amicable counsel throughout the duration of the project.

We are grateful for the team from Jawalwadi, including the village leaders and coordinators, for their dedication, efforts, and exceptional contributions. Lastly, we acknowledge the unwavering support of all Deepastambha Charitable Trust members, whose commitment has been instrumental in the success of our various initiatives. The feedback from our members is highly valued, as it significantly contributes to the continual enhancement of our charitable trust's functions.



About Deepastambha

Established - In the year 2008

Mission - To integrate 'Social' Sense in human beings for making this world a better place for all.

Work Domain

- **Upayn** - donation in the form of gift: All donation camps are covered under this cause
- **Eco-Paavitrya - Environmental sustainability while celebration**
- **Conserve To Serve** - Natural Resource conservation
- Encourage, Engage, Educate and Empower children through activities- l
  - **Skool Falak** and **Skool Sansad**
  - **Skool-Kit** preparation & study material making for challenged children.
  - Awareness on Child Abuse
  - Skill development
- **Gramarthan** - Making village self-contained.
- **Niramayaa** - Health and hygiene awareness, visiting organization like - Orphanages, Old age homes, Special children, HIV positive children, cancer patients etc.
- **Weekly 2 hour activities** - Traffic awareness, community space cleaning, knowledge sharing, exploring new social issues, visiting slum areas to help, animal rights etc.

Area of work

- Across Maharashtra
- Online activities across globe

Legal & Intellectual Property

- Deepastambha is a Charitable Trust registered under Bombay Public Trusts Act, 1950.
- We are registered under section 80G of Income Tax Act, and we have obtained registration certificate 2A.
- We are registered under the Foreign Contribution Regulation Act, 2010 (FCRA).
- "Upayn" has received the registration for trademark protection.

Statistics

Over **1500+** activities, **750** registered members & counting. Associated with **40** NGOs, **500+** schools in Pune and over **55** corporates houses for **CSR**











Projects and Activities

- **Skool-Falak** – Preparation of Display Boards by children with information that is extra curricular.
- **Library** set-up and development of reading habits and techniques
- **Skill Development Programs** - Yoga classes, dance classes, career development, computer classes, drawing, craft, etc.
- **Career Guidance Sessions** or additional classes for various extra curricular subjects
- **Awareness** - Child abuse awareness, cleanliness, menstrual hygiene awareness through digital media.
- **Swacha Maze Gaon**: Cleanliness drives, competition in schools, knowledge sharing, and more.
- **Watershed Management Projects** - Conducting watershed surveys
  - Built a water reservoir with capacity of 25 Lakh Ltr at Ranjane.
  - De-silting of water bodies in Pune and Osmanabad District – approx 10 Cr. litre water recharged.
  - Repair works of 4 nos. check dams covering length of 2.5kms in Pune District as a part of Shramsetu - *"Shramadan"* activities.
- **Niramayaa** - Conducting awareness programmes on menstruation health and personal hygiene, monthly OPD, conducting Health Camps on Cervical Cancer and Breast Cancer, Eye Check- up, Heamogram tests etc.
- **Team building** – celebrating festivals with villagers, watching movies, encouraging *volunteerism* amongst villagers for various development oriented initiatives.
- **Women Empowerment** – Training on various skill sets, lectures on entrepreneurship development, prototype programs for confidence building, counseling sessions for family members
- Others - Installation of solar water pump, water ATMs, tree plantation drives etc.

Geographical Scope

Maharashtra

Vision for SDGs for Maharashtra 2030



1. The fundamental principle of the vision- Sustainable, balanced and all inclusive socio-economic growth of the State
2. A sustainable environment enables a sustained growth across all sectors.
3. Investment in environment helps in self-sustaining growth over long term hence, utmost importance has been given to environment; forming a bedrock for the five pillar strategy

Reference - Progress of Sustainable Development Goals in Maharashtra, Presented on 2nd February, 2018, Directorate of Economics and Statistics Planning Department, Government of Maharashtra

About Gramarthan

Established In the year 2013

Our Belief

Developing local institutions requires a collective approach rather than one that focuses on working with individuals or households. Among other advantages, it offers communities the benefits arising from economies of scale, such as lower investment costs, lower risks, and equitable access to resources.

Bringing people together to work towards a common goal requires time and effort despite the obvious advantages of working with communities. It is also difficult to build sustainable institutions, so developing the leadership capacity of group members and community resource persons is a crucial step. To succeed, it is critical to work in partnership with the community—gain their trust, listen, and respond to their concerns, and identify locally relevant pathways to secure their livelihoods.

Moreover, investments in rural communities must go beyond short-term solutions in order to ensure long-term resilience. As a result, livelihoods are enhanced through the effective participation of corporate houses with CSR and rural communities in the management of their own social, economic and environmental objectives. This is done by empowering people in remote areas, particularly women and youth, including local cooperatives , as a bottom - up approach.

Objectives

- To assist villages in availing basic needs in eco friendly manner using natural resources.
- To engage domain experts interactions for using different available resources in constructive manner.
- To help villagers in acquiring basic medical facilities, education, income generation techniques, women empowerment, technological opportunities.
- To make the villagers independent and self-sufficient in all aspects.
- To fulfill their basic needs with the help of easy solution and technology.



1. Project Details

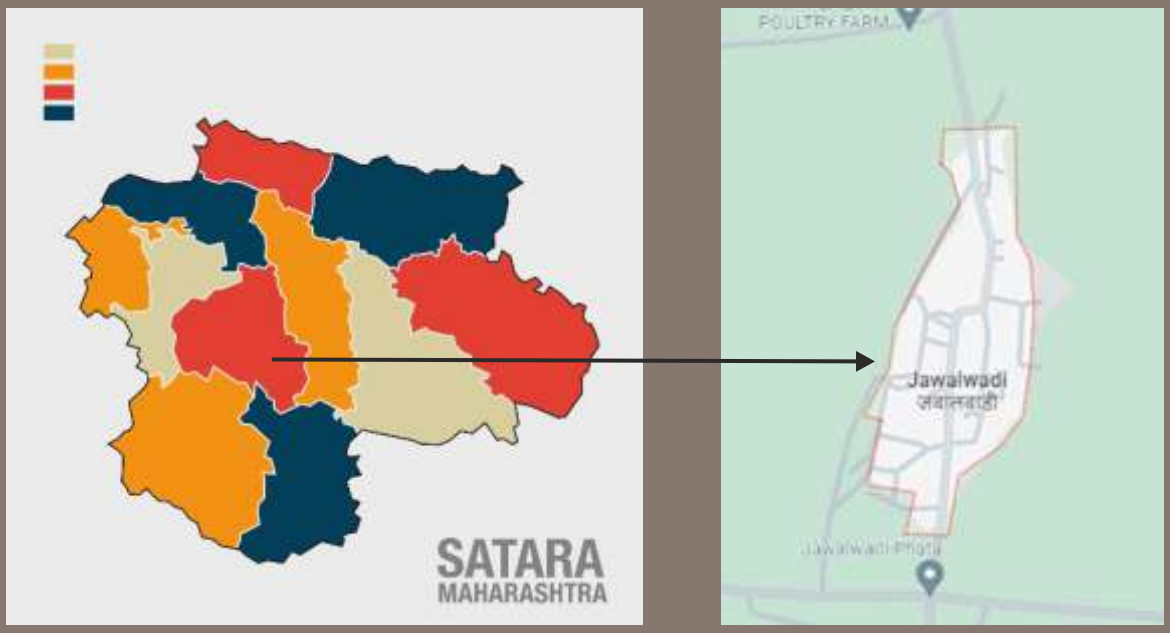
1.1 Background

Location: Jawalwadi Village, Satara District, Western Maharashtra

Geographical Area: 206 hectares

Population: 1000 individuals **Number of Families:** 175

Jawalwadi village, situated in the picturesque landscape of Western Maharashtra, is home to a population of 1000 residents within its 206-hectare expanse. The village relies on a common public water well as its primary source of drinking water, serving all households in the community.



Water Scarcity Challenges: As the winter months end, particularly post-January, Jawalwadi encounters a recurring issue with diminishing water levels in the public well, leading to acute water scarcity problems. This challenge poses a significant threat to the daily lives and well-being of the villagers, impacting their access to this vital resource.

Intervention Request: In light of these pressing concerns, the Jawalwadi Gram Panchayat had extended a formal request to Deepastambha Charitable Trust (DCT) to intervene and address the water scarcity issues plaguing the village. The proactive step to involve the Trust underscores the community's commitment to seeking sustainable solutions and support in overcoming this critical challenge.

Next Steps: To mitigate the adverse effects of water scarcity and ensure a reliable water supply for all residents, collaborative efforts between the village authorities and external partners like Deepastambha Charitable Trust (DCT) are essential.

By fostering partnerships and implementing effective water management strategies, Jawalwadi Village can strive towards a more resilient and sustainable water system to meet the needs of its population.

This report highlights the urgent need for targeted interventions and community engagement to combat water scarcity in Jawalwadi Village and emphasizes the importance of collective action in safeguarding this vital resource for current and future generations.

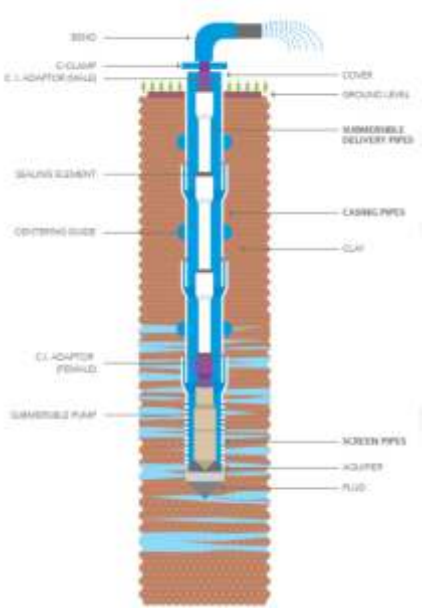
DCT had proposed following projects for the solution of water scarcity problem:



Project Name	Details
Lake dredging	To provide year long drinking water
Construction of bund on canal	To allow rainwater to seep towards public well
Construction of bore well	To construct bore well to extract groundwater in public well

1.2 Objectives

It was observed that the absence of street lighting rendered it unsafe for villagers, particularly the elderly and specially abled individuals, to venture outdoors during nighttime hours. Consequently, a proposal for the installation of a solar street light project was put forward. Deepastambha Charitable Trust submitted a project list to the Inner Wheel Club, Pune, wherein the club finalized the construction of a bore well and the installation of solar street lights.



1.2.1 Objectives - Borewell

1. It aims to ensure drinking water security particularly during the dry and arid months prone to drought conditions.
2. The bore well system intends to alleviate the financial burden on the Gram Panchayat by reducing the need for funds for water supply through tankers.
3. A significant goal is to empower women and children within the community by conserving their time and energy, which would otherwise be expended in fetching water from distant sources.

1.2.2 Objectives - Solar Street Lights

1. **Improved Accessibility:** These lights aim to make it easier for villagers to navigate their surroundings during the evening and on rainy days.
2. **Safety Measures:** By reducing the likelihood of encounters with forest animals and snakes, these lights contribute to a safer environment for villagers.
3. **Enhanced Security:** The illumination provided, enhances the overall security of the village, offering visibility and deterring potential crimes.
4. **Community Engagement:** By brightening up the village streets, these lights inject a sense of liveliness into the community, fostering a more vibrant and engaging environment for residents.
5. **Sustainable Power:** Serving as an alternative power source, solar street lights represent a sustainable and eco-friendly solution, reducing reliance on traditional electricity sources.
6. **Financial Relief:** These lights also alleviate the financial strain on the Gram Panchayat by minimizing the electricity bills associated with conventional street lighting systems.

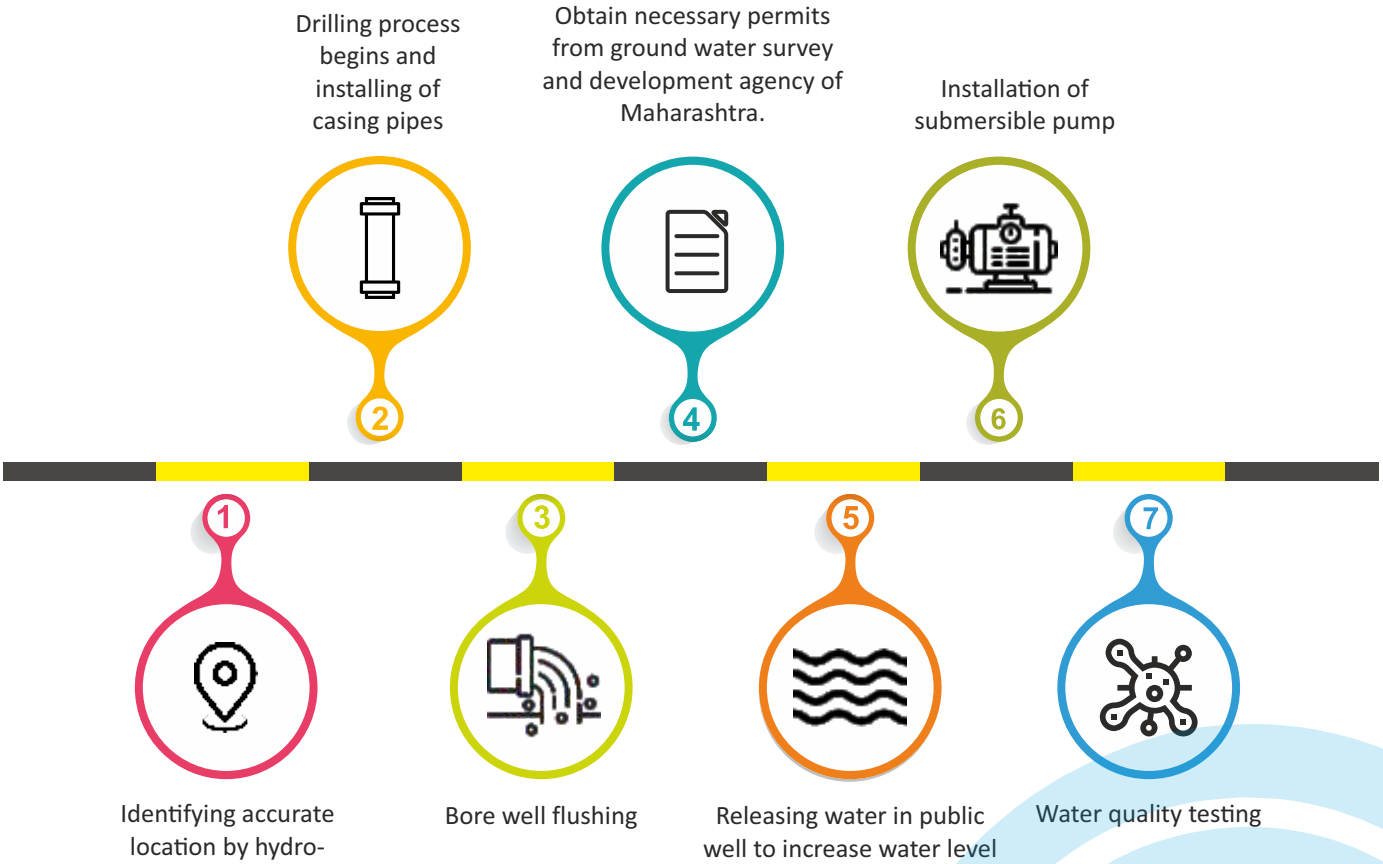
1.3 Research Work

1.3.1 Bore well system

A bore well is a narrow, deep hole drilled into the ground to access underground water sources such as aquifers. These wells are typically constructed using drilling rigs and casing pipes to prevent collapse and contamination of the water source. Bore wells are equipped with pumps to extract water for various purposes such as irrigation, industrial use, domestic consumption, and groundwater recharge.

A bore well for drinking water typically involves drilling a narrow hole into the earth, usually ranging from 4 to 12 inches in diameter, depending on the depth and geological conditions. After drilling, PVC casing pipes are inserted to prevent the borehole from collapsing and to maintain structural integrity. A submersible pump is then lowered into the bore well to draw water to the surface. Water quality testing is crucial to ensure it meets drinking water standards. Additionally, periodic maintenance including pump servicing and bore well cleaning is essential for sustained performance and longevity.

Steps Followed In Completion Of Borewell System Project



1.3.2 Solar Streetlights

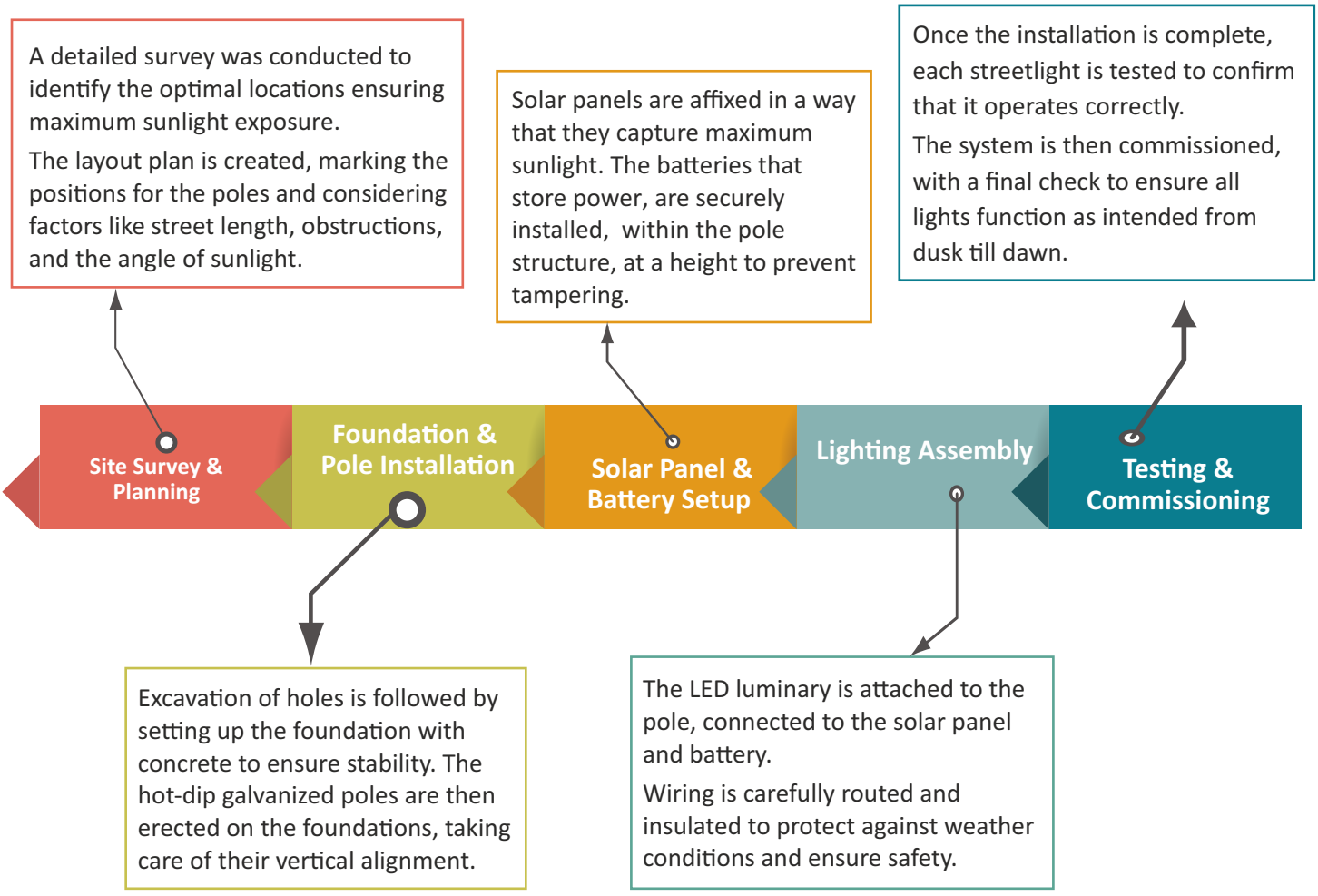
The installation of solar lights emerged as an ideal and natural solution for electricity conservation. Given the villagers' lifestyle and their reliance on inconsistent commercial electricity supply, frequent power outages severely impacted daily life. Deepastambha Charitable Trust (DCT) recognized these challenges and pro-actively provided a sustainable solution.

During initial consultations, the DCT team engaged with the villagers to understand the extent of the electricity issues and the impact of regular power disruptions. These outages hindered movement after dark and during inclement weather, and heightened safety concerns due to the risk of wild animal encounters and snake bites. Solar street lighting was identified as a fitting response to these concerns.

A technical assessment by DCT confirmed the viability of solar street lights for Jawalwadi, considering the ample sunlight and available space. The number of lights required was determined by the length of the streets.

Each solar street light unit consists of a luminary and a lithium ferrous phosphate (LiFePO4) battery, mounted atop a hot-dip galvanized pole.

Installation Process for the Solar Streetlights in Jawalwadi

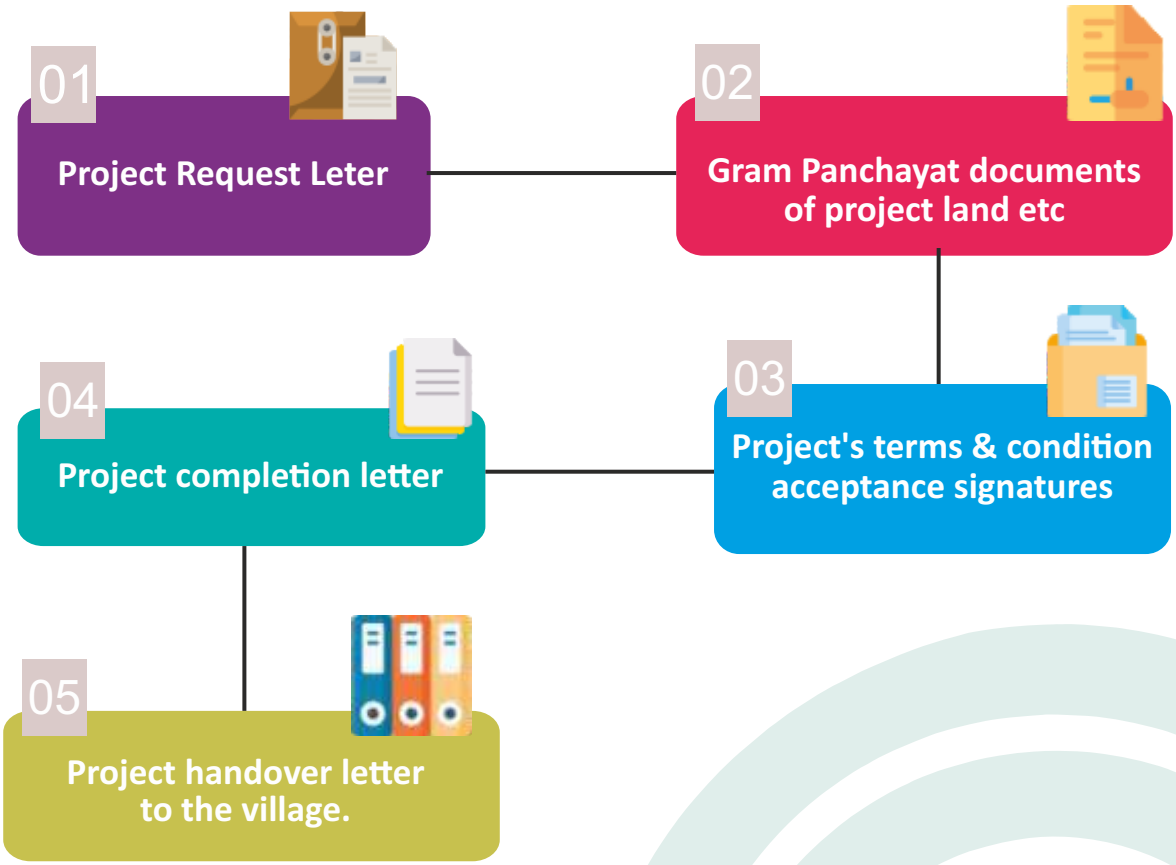


The project is officially handed over to the Jawalwadi community, with guidelines on how to maintain and service the streetlights.

This process not only provides Jawalwadi with a sustainable lighting solution but also involves the community, enhancing their sense of ownership and responsibility towards the newly installed infrastructure.

S.No.	Accessories	20-Watt Solar Street Light System (Qty - 30 Nos)
01.	Street Lights	LED 20-Watt Luminaire Light (IEC certified)
02.	Solar Panels	Solar Panel 40- 75 Watt Polycrystalline
03.	Lithium Battery	12 V, 13 Ah - 24 Ah
04.	Pole	Galvanized Pole 15 feet (5 mtr.) height, Light bracket, Panel Bracket & Other accessories

1.4 Domentation Done



1.5 Project Progression

January 2024:
Research work

20 February 2024:
Primary visit by team DCT

26 February 2024 :
Gram Sabha was held

1 March 2024:
Received Project Approval by e-mail

2 March 2024:
Received all Project Related Documents

5 March 2024:
Vendor Shortlisting

11 March 2023:
Solar Street light Foundation Work

15 March 2023:
Installation of Solar Street Light

26 March 2024:
Project Handover to Villagers

27 March 2024:
Inauguration of project







1.6 Project Documentation

Borewell Construction Request Letter to Deepastambha Charitable trust



"स्वच्छतेतून समृध्दीचा ध्यास हाच आमचा ग्रामविकास"

"निर्मल ग्राम पुरस्कार प्राप्त"

जावळवाडी ग्रामपंचायत

ता.जि.सातारा

स्वच्छ भारत

एक कदम स्वच्छता की ओर

१) झाडे लावा, झाडे जगवा. २) ग्रामपंचायतीचा कर वेळेवर भरा

३) सार्वजनिक स्वच्छता ही प्रत्येकाची वैयक्तिक जबाबदारी आहे. ४) प्लास्टिकचा वापर टाळा, पर्यावरणाचा ऱ्हास टाळा.

दिनांक: २०/०२/२४

प्रति,

विश्वस्त

दीपस्तंभ चॅरिटेबल ट्रस्ट पुणे.

ग्रामपंचायत जावळवाडी ग्रा. नं. वि. ता.जि.सातारा

विषय: मौजे जावळवाडी, ता- सातारा, जि- सातारा येथे गावाला पिण्याच्या पाण्यासाठी बोअरवेल खोदणे या प्रकल्पासाठी विनंती करण्याबाबत.

महोदय,

उपरोक्त विषयास अनुसरून मौजे जावळवाडी तर्फे आम्ही दीपस्तंभ चॅरिटेबल ट्रस्ट पुणे. यांना विनंती करतो की आमच्या गावाला जानेवारी/ फेब्रुवारी नंतर पिण्याच्या पाण्याची टंचाई सुरू होते. सदर विहीरीचा उपलब्ध पाणीसाठी कमी पडतो, त्यामुळे विहीरीपासून ठराविक अंतरावर जर बोअरवेल खोदुन घेऊन तिचे पाणी विहीरीत सोडल्यास भासणारी पाणी टंचाई कमी होईल व गावाला नियमित पिण्याच्या पाण्याचा पुरवठा करता येईल . बोअरवेल खोदण्यासाठी त्यासाठी लागणारी जागा आम्ही ग्रामपंचात मार्फत उपलब्ध करून देऊ, तरी आपणाकडून सदर प्रकल्पास मान्यता मिळावी ही विनंती.

कळावे,

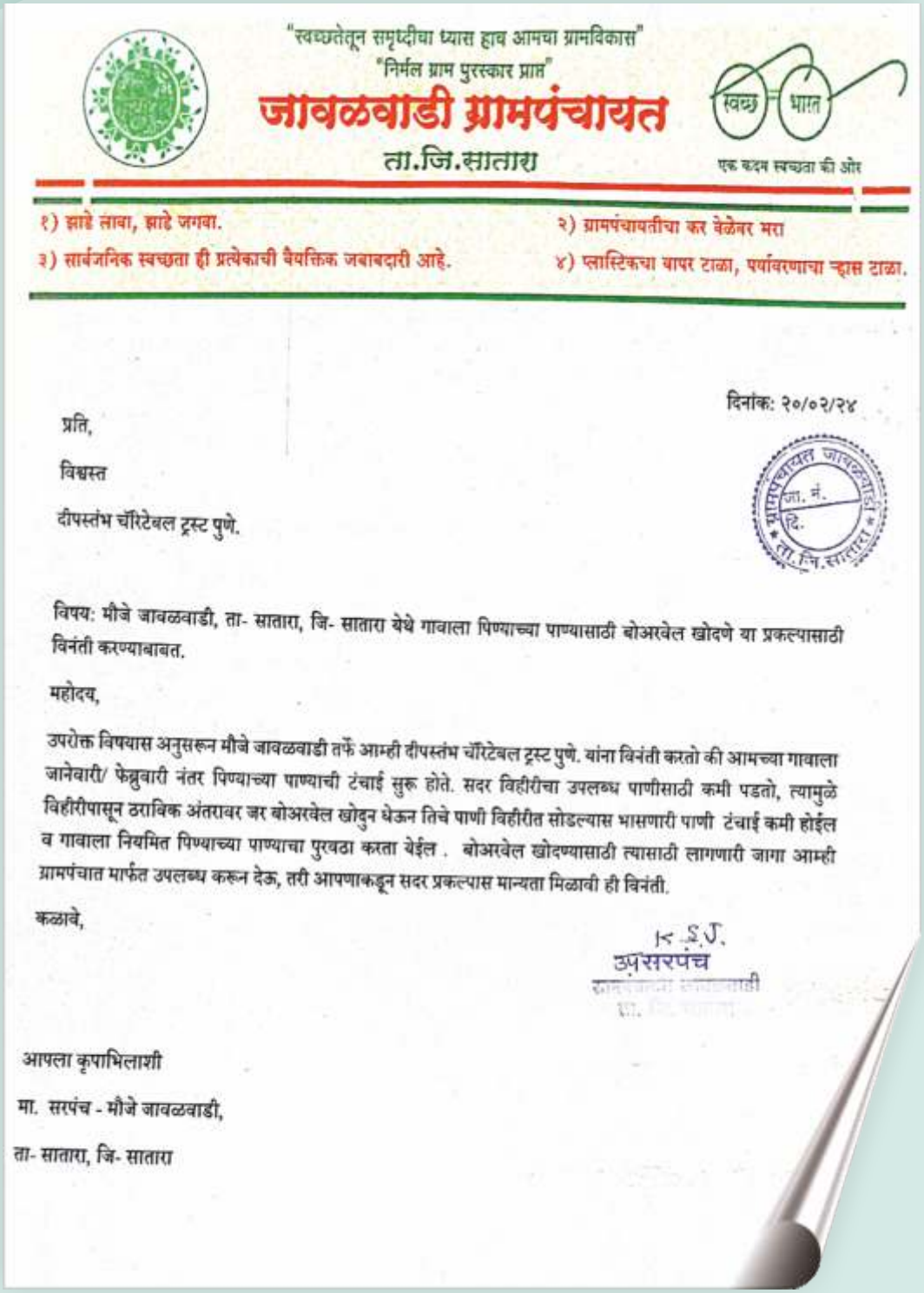
उपसरपंच

आपला कृपाभिलाशी

मा. सरपंच - मौजे जावळवाडी,

ता- सातारा, जि- सातारा

Borewell Construction Request Letter to Deepastambha Charitable Trust



"स्वच्छतेतून समृध्दीचा ध्यास हाच आमचा ग्रामविकास"
"निर्मल ग्राम पुरस्कार प्राप्त"

जावळवाडी ग्रामपंचायत

ता.जि.सातारा

स्वच्छ भारत
एक कदम स्वच्छता की ओर

१) झाडे लावा, झाडे जगवा.
२) ग्रामपंचायतीचा कर वेळेवर भरा
३) सार्वजनिक स्वच्छता ही प्रत्येकाची वैयक्तिक जबाबदारी आहे.
४) प्लास्टिकचा वापर टाळा, पर्यावरणाचा ऱ्हास टाळा.

दिनांक: २०/०२/२४

प्रति,

विश्वस्त

दीपस्तंभ चॅरिटेबल ट्रस्ट पुणे.

ग्रामपंचायत जावळवाडी जा. नं. दि. ता.जि.सातारा

विषय: मौजे जावळवाडी, ता- सातारा, जि- सातारा येथे गावाला पिण्याच्या पाण्यासाठी बोअरवेल खोदणे या प्रकल्पासाठी विनंती करण्याबाबत.

महोदय,

उपरोक्त विषयास अनुसरून मौजे जावळवाडी तर्फे आम्ही दीपस्तंभ चॅरिटेबल ट्रस्ट पुणे. यांना विनंती करतो की आमच्या गावाला जानेवारी/ फेब्रुवारी नंतर पिण्याच्या पाण्याची टंचाई सुरू होते. सदर विहीरीचा उपलब्ध पाणीसाठी कमी पडतो, त्यामुळे विहीरीपासून ठराविक अंतरावर जर बोअरवेल खोदुन घेऊन तिचे पाणी विहीरीत सोडल्यास भासणारी पाणी टंचाई कमी होईल व गावाला नियमित पिण्याच्या पाण्याचा पुरवठा करता येईल . बोअरवेल खोदण्यासाठी त्यासाठी लागणारी जागा आम्ही ग्रामपंचात मार्फत उपलब्ध करून देऊ, तरी आपणाकडून सदर प्रकल्पास मान्यता मिळावी ही विनंती.

कळावे,

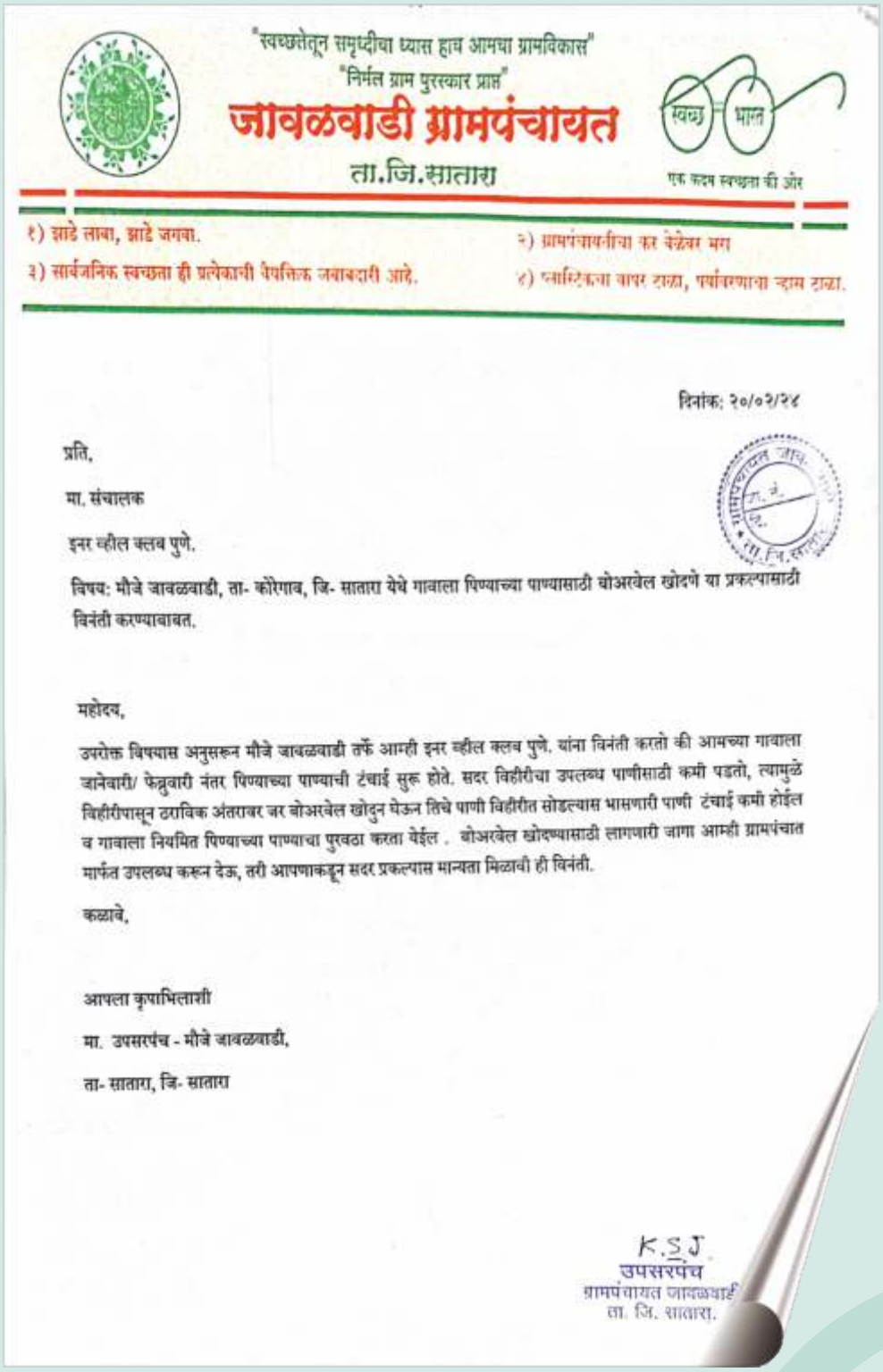
उपसरपंच

आपला कृपाभिलाशी

मा. सरपंच - मौजे जावळवाडी,

ता- सातारा, जि- सातारा

Borewell Construction Request Letter to Company



"स्वच्छतेतून समृध्दीचा ध्यास हाच आमचा ग्रामविकास"
"निर्मल ग्राम पुरस्कार प्राप्त"

जावळवाडी ग्रामपंचायत

ता.जि.सातारा

स्वच्छ भारत
एक कदम स्वच्छता की ओर

१) झाडे लावा, झाडे जगवा. २) ग्रामपंचायतीचा कर वेळेवर भरा
३) सार्वजनिक स्वच्छता ही प्रत्येकाची वैयक्तिक जबाबदारी आहे. ४) प्लास्टिकचा वापर टाळा, पर्यावरणाचा ऱ्हास टाळा.

दिनांक: २०/०२/२४

प्रति,

मा. संचालक

इनर व्हील क्लब पुणे.

विषय: मौजे जावळवाडी, ता- कोरेगाव, जि- सातारा येथे गावाला पिण्याच्या पाण्यासाठी बोअरवेल खोदणे या प्रकल्पासाठी विनंती करण्याबाबत.

महोदय,

उपरोक्त विषयास अनुसरून मौजे जावळवाडी तर्फे आम्ही इनर व्हील क्लब पुणे, यांना विनंती करतो की आमच्या गावाला जानेवारी/ फेब्रुवारी नंतर पिण्याच्या पाण्याची टंचाई सुरू होते. सदर विहीरीचा उपलब्ध पाणीसाठी कमी पडतो, त्यामुळे विहीरीपासून ठराविक अंतरावर जर बोअरवेल खोदुन घेऊन तिचे पाणी विहीरीत सोडल्यास भासणारी पाणी टंचाई कमी होईल व गावाला नियमित पिण्याच्या पाण्याचा पुरवठा करता येईल . बोअरवेल खोदण्यासाठी लागणारी जागा आम्ही ग्रामपंचात मार्फत उपलब्ध करून देऊ, तरी आपणाकडून सदर प्रकल्पास मान्यता मिळावी ही विनंती.

कळावे,

आपला कृपाभिलाशी

मा. उपसरपंच - मौजे जावळवाडी,

ता- सातारा, जि- सातारा

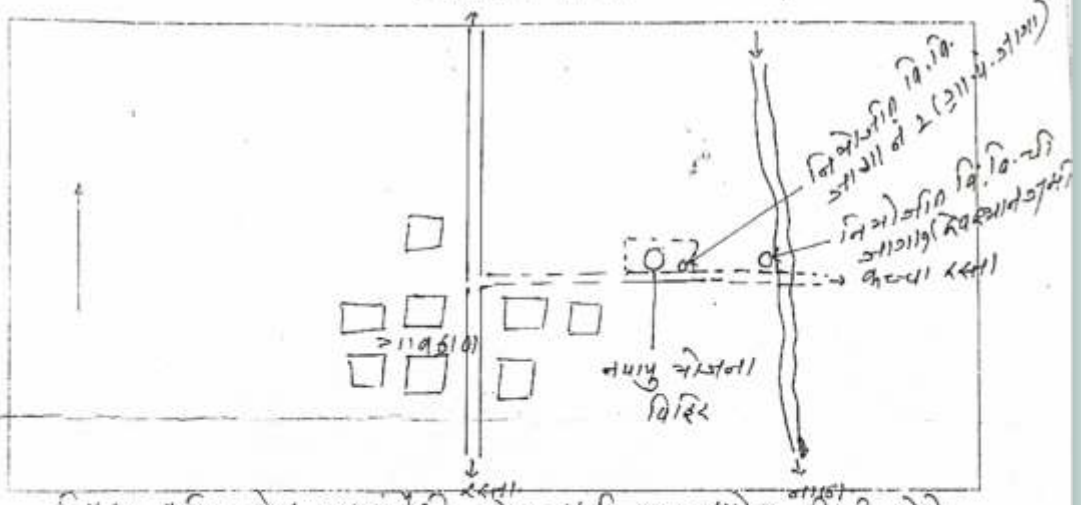
K.S.J.
उपसरपंच
ग्रामपंचायत जावळवाडी
ता. जि. सातारा.

Borewell Construction Clearance

विंधन विहिर कार्यक्रम.
भूजल सर्वेक्षण अहवाल.

मौजे-जावळवाडी वाडी/वस्ती नवीन जावळ तालुका-सातारा.
जिल्हा सातारा येथील परिसराने पिण्याच्या /पाण्याच्या टंचाई निवारणार्थ/नियमित /अत्यावश्यक गिरसत/विशेष घटक/सर्वसाधारण/शासकीय पाणीपुरवठा/१५ वा वित्त आयोग योजनेअंतर्गत विंधन विहिरीकरिता भूजल सर्वेक्षण करण्यात आले आहे. सदर पाहणीच्या खालील ठिकाणी एक विंधन विहिरीची जागा निवडण्यात आली आहे.

स्थळदर्शक नकाशा



टिप:- वरील दोन जागांपैकी कोठल्याही एका जागेवर वि. वि. घेणे.

शिफारस करण्यात आलेल्या विंधन विहिरीचा व्यास १५० मि.मी., खोली जमिनीपासून ६० मीटर व केसिंग ६.२० मीटर.

प्रस्तावित विंधन विहिरीची जागा ग्रामपंचायतीच्या नावे मालकी हक्काची नोंद शाबदाबरुन विंधन विहिर घेण्यात यावी.

विंधन विहिरीची जागा खालील व्यक्तींना दाखविली आहे.

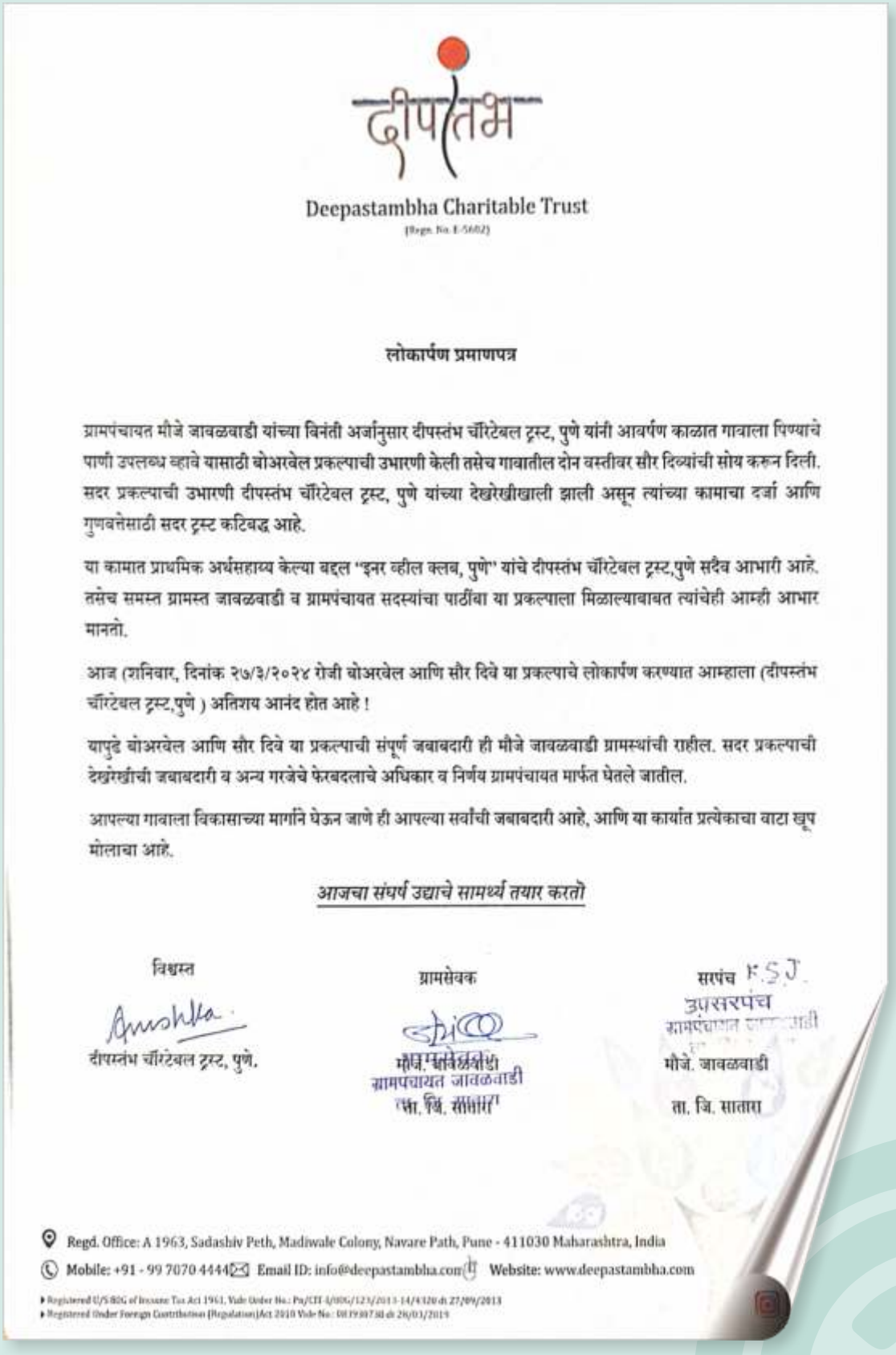
१. सरपंच/ग्रा.पं. जावळवाडी.
२. ग्रामसेवक/ग्रा.पं. जावळवाडी.
३. कि.वि.किशोर आनंदराव जगताप/ग्रा.पं.कर्मचारी.

स्थळ:- सातारा

दिनांक:- 01/03/2024.

श्री. [illegible]
सहायक भूवैज्ञानिक
भूजल सर्वे आणि
महाराष्ट्र शासन

Handover Letter from Deepastambha Charitable Trust



दीपस्तंभ

Deepastambha Charitable Trust

(Regn. No. E-5602)

लोकार्पण प्रमाणपत्र

ग्रामपंचायत मौजे जावळवाडी यांच्या विनंती अर्जानुसार दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांनी आवर्षण काळात गावाला पिण्याचे पाणी उपलब्ध व्हावे यासाठी बोअरवेल प्रकल्पाची उभारणी केली तसेच गावातील दोन वस्तीवर सौर दिव्यांची सोय करून दिली. सदर प्रकल्पाची उभारणी दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांच्या देखरेखीखाली झाली असून त्यांच्या कामाचा दर्जा आणि गुणवत्तेसाठी सदर ट्रस्ट कटिबद्ध आहे.

या कामात प्राथमिक अर्थसहाय्य केल्या बद्दल "इनर व्हील क्लब, पुणे" यांचे दीपस्तंभ चॅरिटेबल ट्रस्ट,पुणे सदैव आभारी आहे. तसेच समस्त ग्रामस्त जावळवाडी व ग्रामपंचायत सदस्यांचा पाठींबा या प्रकल्पाला मिळाल्याबाबत त्यांचेही आम्ही आभार मानतो.

आज (शनिवार, दिनांक २७/३/२०२४ रोजी बोअरवेल आणि सौर दिवे या प्रकल्पाचे लोकार्पण करण्यात आम्हाला (दीपस्तंभ चॅरिटेबल ट्रस्ट,पुणे) अतिशय आनंद होत आहे !

यापुढे बोअरवेल आणि सौर दिवे या प्रकल्पाची संपूर्ण जबाबदारी ही मौजे जावळवाडी ग्रामस्थांची राहील. सदर प्रकल्पाची देखरेखीची जबाबदारी व अन्य गरजेचे फेरबदलाचे अधिकार व निर्णय ग्रामपंचायत मार्फत घेतले जातील.

आपल्या गावाला विकासाच्या मार्गाने घेऊन जाणे ही आपल्या सर्वांची जबाबदारी आहे, आणि या कार्यात प्रत्येकाचा वाटा खूप मोलाचा आहे.

आजचा संघर्ष उद्याचे सामर्थ्य तयार करतो

विश्वस्त

दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे.

ग्रामसेवक

ग्रामपंचायत जावळवाडी

ता. जि. सातारा

सरपंच

उपसरपंच

मौजे. जावळवाडी

ता. जि. सातारा

Regd. Office: A 1963, Sadashiv Peth, Madiwale Colony, Navare Path, Pune - 411030 Maharashtra, India

Mobile: +91 - 99 7070 4444 Email ID: info@deepastambha.com Website: www.deepastambha.com

Project Completion Letter to Company

"स्वच्छतेतून समृध्दीचा ध्यास हाच आमचा ग्रामविकास"

"निर्मल ग्राम पुरस्कार प्राप्त"

जावळवाडी ग्रामपंचायत

ता.जि.सातारा

स्वच्छ भारत

एक कदम स्वच्छता की ओर

१) झाडे लावा, झाडे जगवा. २) ग्रामपंचायतीचा कर वेळेवर भरा

३) सार्वजनिक स्वच्छता ही प्रत्येकाची वैयक्तिक जबाबदारी आहे. ४) प्लास्टिकचा वापर टाळा, पर्यावरणाचा ऱ्हास टाळा.

दिनांक: २६/०३/२४

प्रति,
मा. अध्यक्ष
इनर व्हील क्लब,
पुणे.

ग्रामपंचायत जावळवाडी ग्रा. नं. ता.जि.सातारा

विषय :- गावचा सार्वजनिक पाणी पुरवठया साठी बोअरवेल तसेच गावातील दोन वस्तीवर सौर दिवे हा प्रकल्प पूर्ण झाल्याबाबत.

माननीय महोदय,

आपण आमच्या मौजे जावळवाडी या गावामध्ये गावचा सार्वजनिक पाणी पुरवठयासाठी बोअरवेल तसेच गावातील दोन वस्तीवर सौर दिवे या प्रकल्पासाठी दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांच्या सहयोगातून इनर व्हील क्लब, पुणे यांनी अर्थसहाय्य केले होते. आपणास कळविण्यास आनंद होत आहे कि, सदर प्रकल्पाचे काम हे उत्तम दर्जाचे, समाधानकारक रीत्या आणि वेळेत पूर्ण झाले आहे. गावाच्या विकास कामातील आपल्या सहकार्याबद्दल समस्त ग्रामस्थ व ग्रामपंचायत जावळवाडी आपले ऋणी आहे. या पुढे ही ग्रामपोयोगी कार्यासाठी आपले पाठबळ मिळावे हि विनंती.

K.S.J
उपसरपंच
ग्रामपंचायत जावळवाडी
ता. जि. सातारा

कळावे,
आपला कृपाभिलाषी

मा, सरपंच
मौजे, जावळवाडी
ता.जि. सातारा.

2. Impact Analysis

Borewell

The construction of the borewell was a critical step towards ensuring a sustainable water supply for the residents of Jawalwadi. This project involved the drilling of a deep well to access groundwater, installation of a submersible pump, and the setup of a storage system to facilitate the distribution of water for daily use. The borewell serves as a reliable source of water, particularly during the dry seasons, thereby greatly improving the villagers' quality of life.

The installation of a borewell in Jawalwadi, Satara, has had a profound impact on the lives of the villagers. Here are some of the key benefits:

1. Water Sufficiency: The borewell has provided a consistent and reliable source of water, which is particularly crucial in regions that have faced severe droughts and water scarcity.

2. Agricultural Productivity: With improved access to water, agricultural activities can flourish, leading to increased farm produce and enhanced food security for the villagers.

3. Health and Sanitation: The availability of clean water contributes to better health and sanitation standards, reducing the risk of waterborne diseases.

4. Economic Benefits: A stable water supply can lead to the development of agri-businesses and other water-dependent industries, boosting the local economy.

5. Empowerment: The borewell empowers the community by reducing dependence on water tankers and government aid, fostering self-sufficiency.

6. Education and Gender Equality: Easy access to water means that children, especially girls who often bear the burden of fetching water, can spend more time attending school.

7. Community Development: The success of such a project can strengthen community bonds as villagers work together towards a common goal.

Overall, the borewell has likely contributed to reversing migration, de-addiction, and improving education in the village, setting an example of sustainable development[1].

Running capacity of Borewell Pump	Water Extracted by the Borewell (Daily)	Total population impacted	Duration of availability of drinking water
8 hours	40000 liters	1500	Yearlong

Solar Streetlight Installation

In an effort to promote renewable energy and enhance safety, solar streetlights were installed throughout Jawalwadi. These streetlights harness solar power, converting it into electrical energy to provide illumination after dusk. The solar panels attached to the top of each light post absorb sunlight during the day, which is then stored in batteries to power the LED lights at night. This eco-friendly solution not only provides consistent lighting but also reduces the village's carbon footprint and dependence on non-renewable energy sources.

Together, these projects have not only facilitated essential services but have also empowered the community by fostering a self-sufficient and environmentally conscious approach to rural development.

Total Street Lights Installed(KW)	Total load reduced on Village MSEDCL Meter (kw/day)	Power Saving by total 0.58 KW Solar Street light working for 13 hr./day (KW/year)	Carbon Emission reduced by installing Solar Street light(Kg/Year)
0.4	5.2	1898	350

This Project equals to planting 250 trees every year



Key Learnings

The key learnings from the Deepastambha Charitable Trust's rural development initiative, such as the construction of a borewell and installation of solar streetlights in Jawalwadi, can be summarized as follows:

Community Engagement: Active involvement of the local community is crucial for the success of any developmental project. The participation of Jawalwadi villagers, leaders, and coordinators was instrumental in understanding the needs and ensuring the sustainability of the projects.

Sustainable Solutions: The adoption of renewable energy through solar streetlights highlighted the importance of sustainable development practices that benefit the community while also being environmentally responsible.

Infrastructure Impact: The construction of the borewell demonstrated that addressing basic infrastructure needs, like access to water, can significantly improve the quality of life and health of rural populations.

Empowerment through Self-Sufficiency: These initiatives empowered the community by fostering self-reliance and demonstrating that rural areas could develop their own solutions to challenges.

Scalability and Replicability: The projects served as a model for scalability and replicability in other rural areas, showing that similar interventions can be adapted to different contexts.

Holistic Approach: A holistic approach to rural development, addressing multiple aspects such as water supply, energy, and community involvement, leads to more impactful outcomes.

These learnings reflect the trust's commitment to creating a positive and lasting impact on rural communities through thoughtful and inclusive development strategies.



3. Glimpses










Borewell Project for Drinking Water
पिण्याच्या पाण्यासाठी नवीन कूपनलिका करणे प्रकल्प
Date of Installation - 06th March, 2024








INNER WHEEL
CLUB OF PUNE
International
Organization of Women
For
Friendship & Service


INNER WHEEL
CLUB OF PUNE











4. Future Plans

The future plans for Jawalwadi, as outlined, are focussed on sustainable development and educational enhancement. Here's a brief overview of each initiative:

Fruit Tree Plantation on Pasture Land (Gaayran):

The plantation of fruit trees on the village's pasture land aims to improve biodiversity, provide a source of nutrition, and potentially create a revenue stream for the community.

Providing Computer and Projector to School:

Equipping the local school with modern educational tools like computers and projectors will facilitate better learning experiences and help bridge the digital divide.

Constructing Bund on Water Canal:

Building a bund (a small dam or embankment) along the water canal can help in water conservation, ensuring a more efficient distribution of water for irrigation and other needs.

Roadside Tree Plantation:

Planting trees along the roadsides will not only enhance the aesthetic appeal of the village but also contribute to environmental health by improving air quality and providing shade.

These initiatives reflect a commitment to the long-term prosperity and well-being of the Jawalwadi community.

5. Testimonials



Karuna Jadhav,
Sarpanch

The construction of borewells will be a lifeline for our village during the summer months. We will not have to bring tanker to our village which costed us 800 RS per tanker during peak summer season. Also, Solar Street Lights especially near the sugarcane farms have ensured safety of nearby houses. Looking forward to collaborate as a village on more such impactful projects



Vikram Phadtare,
Grampanchayat Employee

The construction of bore well was essential for solving water scarcity problem during summer months. Solar Street light will enable differently abled villager to move on the road during evening hours. Thanks to Inner Wheel Club and Deepastambha team

















Deepastambha Charitable Trust

Chinar Apartment, 2nd floor, Jagannath Tarte Marg, Erandwane, Off Karve Road,
Pune, Maharashtra 411004.

Contact: +91 9970704444 / 020 25461144

Email: info@deepastambha.com
www.deepastambha.com