A CSR IMPACT PROJECT BY

RANDACK Fasteners India

Empowering Sustainable Development.

WATERSHED PROJECT 2023-24

Pimpari (Taluka-Mann)

IMPLEMENTATION PARTNER

दीपस्तंभ

स्वस्मै स्वल्पं समाजाय सर्वस्वं।

svasmai svalpaṃ samājāya sarvasvaṃ

A little bit for yourself and everything for others!

Project Executed By

दीपस्तंभ

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Confidentiality

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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.

Release History

Version	Release History	Date	Initials
1.1	V1.1	28-06-2024	RD

1 Acknowledgement

We wanted to take a moment to express our heartfelt gratitude for the incredible journey we've shared. Your unwavering support and collaboration have made a significant impact on this CSR initiative. Without your financial aid, dedication, and exceptional contributions, this project would not have been possible.

1. Randack Fasteners India Pvt. Ltd. Team:

Your commitment to social responsibility has inspired us. Working alongside you has been a wonderful experience, and we deeply appreciate your generosity

2. Pimpari Villagers, Local Leaders, and Coordinators

Your assistance and tireless efforts have been invaluable. Together, we've made a difference in the community, and we're grateful for your partnership.

3. Well-Wishers and Guides

oYour guidance, constructive criticism, and friendly advice have shaped our journey. We've learned and grown together, thanks to your support.

4. Deepastambha Charitable Trust Members

Your unwavering commitment has been the cornerstone of the successful execution of this project. Your support has fuelled our various initiatives, and we're truly thankful.

2. Deepastambha Charitable Trust, Pune

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 umbrella.
- **Eco-Paavitrya** - Environmental sustainability while celebration
- **Conserve to Serve** - Natural Resource conservation
- Encourage, Engage, Educate and Empower children through activities-
  - Skool Falak
- - 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).

Statistics

Over 1500+ activities, 750 registered members & counting.

Associated with 40 NGOs, 500+ schools and over 55 corporates for CSR across Maharashtra

3. About Gramarthan

Established - In the year 2013

Our Belief

Bringing people together to work towards a common goal requires time and effort despite the obvious advantages of working with communities instead of individuals. 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 villages independent and self-sufficient in all aspects.
- To fulfil basic needs with the help of easy solution and technology.

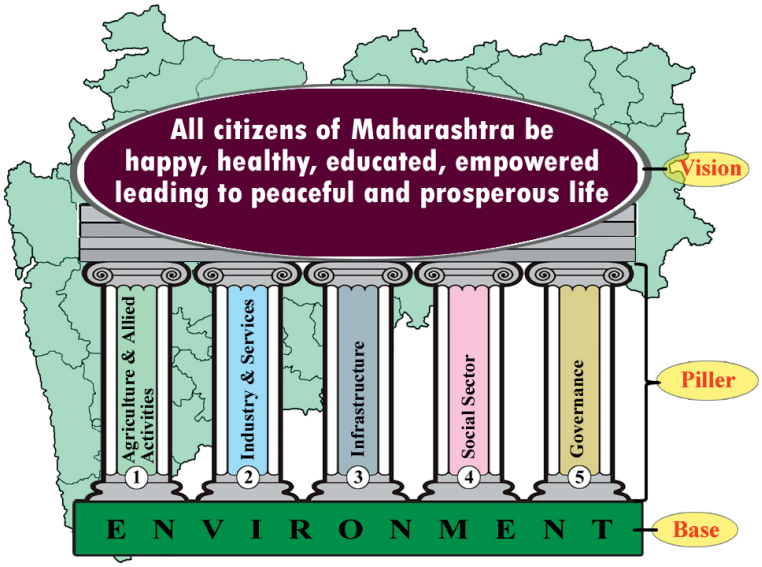
Projects and Activities

- 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 and 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 Dharashiv 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
- Green Initiatives- Installation of solar water pump systems, solar streetlights, water ATMs, tree plantation drives etc.

Geographical Scope

Maharashtra

Vision for SDGs for Maharashtra 2030



- The fundamental principle of the vision- Sustainable, balanced and all inclusive socio-economic growth of the State
- A sustainable environment enables a sustained growth across all sectors.
- 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

HYUNDAI

4. Project Details

4.1 Background

- Pimpari is a village located 48km from its Taluka Man (Dahiwadi), which is part of Satara district in the state of Maharashtra, India.
- Primary source of income in Pimpari is agriculture. Here the people grow crops such as jowar, bajra, sugarcane, and groundnuts. The agricultural practices and overall community heavily depend on the monsoon rains. Apart from the rains, the village relies on nearby rivers and small reservoirs for irrigation.
- The dam near the village held insufficient water due to a significant accumulation of silt. Additionally, as the area is semi-arid area, in summer the temperature rises quite high, which adds to overall water scarcity.
- To solve these issues, Deepastambh Charitable Trust (DCT), in conjunction with Randack Fastners India, decided to assist Pimpari residents.

The main aim of this project was to remove the silt from the dam and to increase the depth of the dam. We detailed objectives behind taking up the project as:

4.2 Objectives

- To increase the water retention capacity of the dam
- To stabilize and construct the river banks to prevent erosion
- Conservation of water and improvement of water quality and conservation of soil.
- To utilise the rich silt in farming to increase the farm productivity and make pathways
- To construct stone pitching for both dam and stream so as to prevent recurrence of silt in future
- Improving cleaner river and water security for longer duration.

4.3 Project Plan

- A survey was carried out in order to understand the problems faced by villagers and identify the exact scope of the project. 3 visits were done with a watershed expert and the village representatives to understand the issues.
- The survey showed that dam near the village had accumulated a lot of silt, thus had become shallow and narrow. Due to this the water retention capacity was considerably reduced.

As per the expert guidance, dam de-silting location and the project scope was defined as follows:

- To increase the water retention capacity of the dam by de-silting.
- To stabilize and repair the side banks to prevent erosion.
- To re-utilize the silt from the dam water for the benefit of the farmers.

4.4 Villagers' Voluntary Contribution

After the preliminary survey was posted, a Gram Sabha was conducted, which helped the villagers understand the importance of de-silting of the dam and related work that would be performed by Deepastambha. Additionally, the villagers were encouraged for their participation and contribution, especially in unloading the silt and providing permission from farmers near the dam. After the discussion, the team was ready to be helped by the villagers.

4.5 Machinery Used

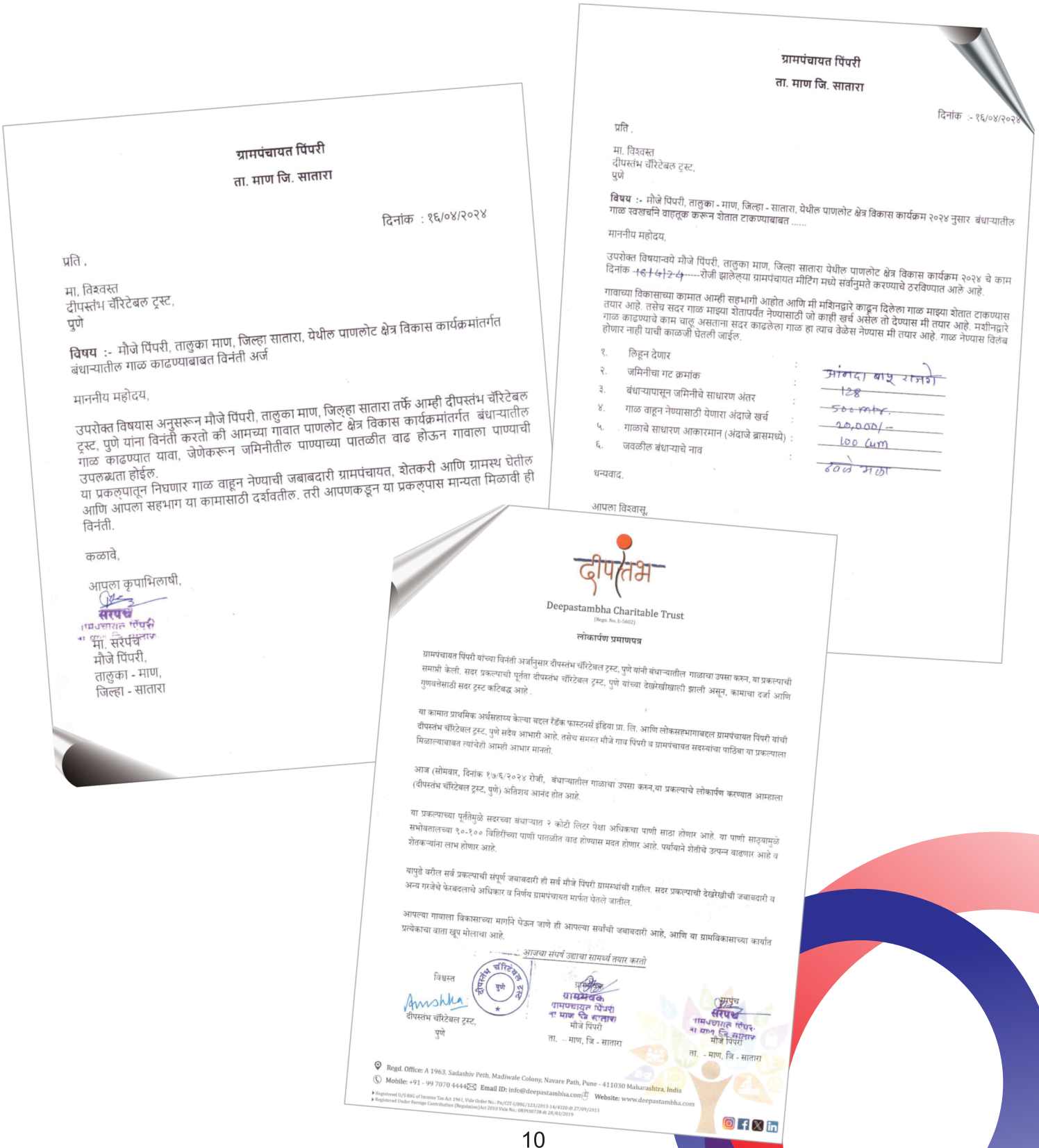
1. Hyundai 210 excavator
2. Dumper trucks - 4 nos.
3. Tractors - 12 nos.

4.6 Implementation Process

1. Obtaining written permission from the farmers who have farmlands on either side of dam or road leading to project area.
2. Obtaining written permission from the farmers for dumping silt in their fields for increase in soil productivity and creation of pathways.
3. Preparation of track for machinery thoroughfare.
4. De-silting along with loading and unloading.
5. Dumping the silt in the fields as per plan.
6. Side bank repair for the dam.
7. Closure of farmland for road construction.
8. Measurement of dam after de-silting for verification.

4.7 Documentation

- Farmers NOC and written permission for construction of machinery road from their respective lands.
- Work requisition letter from Gram Panchayat.
- Work completion and handover certificate from Deepastambha.



ग्रामपंचायत पिंपरी
ता. माण जि. सातारा

दिनांक : १६/०४/२०२४

प्रति,

मा. विश्वस्त
दीपस्तंभ चॅरिटेबल ट्रस्ट,
पुणे

विषय :- मौजे पिंपरी, तालुका माण, जिल्हा सातारा, येथील पाणलोट क्षेत्र विकास कार्यक्रमांतर्गत बंधाऱ्यातील गाळ काढण्याबाबत विनंती अर्ज

माननीय महोदय,

उपरोक्त विषयास अनुसरून मौजे पिंपरी, तालुका माण, जिल्हा सातारा तर्फे आम्ही दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांना विनंती करतो की आमच्या गावात पाणलोट क्षेत्र विकास कार्यक्रमांतर्गत बंधाऱ्यातील गाळ काढण्यात यावा, जेणेकरून जमिनीतील पाण्याच्या पातळीत वाढ होऊन गावाला पाण्याची उपलब्धता होईल.
या प्रकल्पातून निघणार गाळ वाहून नेण्याची जबाबदारी ग्रामपंचायत, शेतकरी आणि ग्रामस्थ घेतील आणि आपला सहभाग या कामासाठी दर्शवतील. तरी आपणकडून या प्रकल्पास मान्यता मिळावी ही विनंती.

कळावे,

आपला कृपाभिलाषी,
सरपंच
ग्रामपंचायत पिंपरी
ता. माण जि. सातारा
मा. सरपंच,
मौजे पिंपरी,
तालुका - माण,
जिल्हा - सातारा

ग्रामपंचायत पिंपरी
ता. माण जि. सातारा

दिनांक :- १६/०४/२०२४

प्रति,

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दीपस्तंभ चॅरिटेबल ट्रस्ट,
पुणे

विषय :- मौजे पिंपरी, तालुका - माण, जिल्हा - सातारा, येथील पाणलोट क्षेत्र विकास कार्यक्रम २०२४ नुसार बंधाऱ्यातील गाळ स्वखर्चाने वाहतूक करून शेतात टाकण्याबाबत .....

माननीय महोदय,

उपरोक्त विषयान्वये मौजे पिंपरी, तालुका माण, जिल्हा सातारा येथील पाणलोट क्षेत्र विकास कार्यक्रम २०२४ चे काम दिनांक ~~१६/४/२४~~ रोजी झालेल्या ग्रामपंचायत मीटिंग मध्ये सर्वानुमते करण्याचे ठरविण्यात आले आहे.

गावाच्या विकासाच्या कामात आम्ही सहभागी आहोत आणि मी मशिनद्वारे काढून दिलेला गाळ माझ्या शेतात टाकण्यास तयार आहे. तसेच सदर गाळ माझ्या शेतापर्यंत नेण्यासाठी जो काही खर्च असेल तो देण्यास मी तयार आहे. मशीनद्वारे गाळ काढण्याचे काम चालू असताना सदर काढलेला गाळ हा त्याच वेळेस नेण्यास मी तयार आहे. गाळ नेण्यास विलंब होणार नाही याची काळजी घेतली जाईल.

१.	लिहून देणार	: सोनदा बापू राजगे
२.	जमिनीचा गट क्रमांक	: 128
३.	बंधाऱ्यापासून जमिनीचे साधारण अंतर	: ~~500 mtr.~~
४.	गाळ वाहून नेण्यासाठी येणारा अंदाजे खर्च	: 20,000/-
५.	गाळाचे साधारण आकारमान (अंदाजे ब्रासमध्ये)	: 100 Cum
६.	जवळील बंधाऱ्याचे नाव	: ओढे गळा

धन्यवाद.

आपला विश्वासू,

दीपस्तंभ
Deepastambha Charitable Trust
(Regn. No. E-5602)

लोकार्पण प्रमाणपत्र

ग्रामपंचायत पिंपरी यांच्या विनंती अर्जानुसार दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांनी बंधाऱ्यातील गाळाचा उपसा करुन, या प्रकल्पाची समाप्ती केली. सदर प्रकल्पाची पूर्तता दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे यांच्या देखरेखीखाली झाली असून, कामाचा दर्जा आणि गुणवत्तेसाठी सदर ट्रस्ट कटिबद्ध आहे.

या कामात प्राथमिक अर्थसहाय्य केल्या बद्दल रेडिंक फास्टनर्स इंडिया प्रा. लि. आणि लोकसहभागाबद्दल ग्रामपंचायत पिंपरी यांची दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे सदैव आभारी आहे. तसेच समस्त मौजे गाव पिंपरी व ग्रामपंचायत सदस्यांचा पाठिंबा या प्रकल्पाला मिळाल्याबाबत त्यांचेही आम्ही आभार मानतो.

आज (सोमवार, दिनांक १७/६/२०२४ रोजी, बंधाऱ्यातील गाळाचा उपसा करुन,या प्रकल्पाचे लोकार्पण करण्यात आम्हाला (दीपस्तंभ चॅरिटेबल ट्रस्ट, पुणे) अतिशय आनंद होत आहे.

या प्रकल्पाच्या पूर्ततेमुळे सदरच्या बंधाऱ्यात २ कोटी लिटर पेक्षा अधिकचा पाणी साठा होणार आहे. या पाणी साठ्यामुळे सभोवतालच्या १०-१०० विहिरींच्या पाणी पातळीत वाढ होण्यास मदत होणार आहे. पर्यायाने शेतीचे उत्पन्न वाढणार आहे व शेतकऱ्यांना लाभ होणार आहे.

यापुढे वरील सर्व प्रकल्पाची संपूर्ण जबाबदारी ही सर्व मौजे पिंपरी 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 ग्रामविकासाच्या कार्यात प्रत्येकाचा वाटा खूप मोलाचा आहे.

आजचा संघर्ष उद्याचा सामर्थ्य तयार करतो

विश्वस्त
दीपस्तंभ चॅरिटेबल ट्रस्ट,
पुणे

ग्रामसेवक
ग्रामपंचायत पिंपरी
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मौजे पिंपरी
ता. - माण, जि - सातारा

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4.8 Project Progression

16nd June 2024
Inauguration and handover ceremony

15th June
Complete measurement for Dam and stream

14th June
Side Banks repair, side topping and finishing work

2nd June
Actual De-silting work started

May 2024
Check Farmer site for readiness
Meeting villagers
Meeting civil contractor

May 2024
Gram Sabha with villagers for explaining project scope and obtaining farmers' NOC

May 2024
Site survey for Resource Management and measurement with expert

April 2024
Project Approval email from Randack Fastners India Pvt. Ltd.

March 2024
Initial Survey visits

5. Glimpses

Dam and Stream de-silting

Stream bed de-silting

Inauguration and Handover

Before

After

6. Project Measurement & Impact Analysis

2.1 Measurements

Sr.No	Village	Project Place	Work	Measurement (Meters)				Total (cubic meter)
				L	B	H	Qty.	
1	Pimpari (Man District)	Site Location -1	a. Desilting of Dam Stone Pitching and Side Bank repair Stone Pitching nearby water inlets from Farm	550	25	2	1	27,500
							Total	27,500

2.2 Expected Impact Analysis

Particulars	Benefits
Water Storage Capacity Increased up to	**2.75 Cr Litres.** Before the project was completed, the dam contained a lot of silt consequently draining all the rain water
Ground Water Recharge	**2.75 Cr Litres**. (nearly 1000 times of total de-silt)
Ground Water Level Improvement in nearby water sources	**100+** Wells, **50+** borewells in around **5 km** area of dam
Benefits to village	**2** pathways were constructed from the de-silted materials. **500 Acre** area under recharge area **300+** Farmers can take modern crops like fruits and vegetables

7.Testimonials

Shri. Aakaram Rajage

"On behalf of Pimpari, I extend our deepest gratitude to Randak and Deepastambha for their significant contributions. The de-silting of our dam has greatly improved our infrastructure and boosted the prosperity and security of our community. Your commitment and support are genuinely appreciated."

Shri. Chandrakant Shilwant

"With profound thanks, I speak on behalf of our village to commend Randak and Deepastambha for their extraordinary contributions. The de-silting project has not only upgraded our infrastructure but also driven the overall prosperity and security of Pimpari.We are sincerely grateful for your dedication and support."

8. References

Formulae Used

De-silting Calculation: length(L)*Breadth(B)*Height(H)*Qty(Q)= Total Cubic Meter

Water Recharge calculation: Total Cubic Meter*Constant (Value-1000) = Total water recharge in litre

External expertise

Water expert: Mr. Prakash Chole (EX. Govt. officer in irrigation department.)

Mobile app / website used

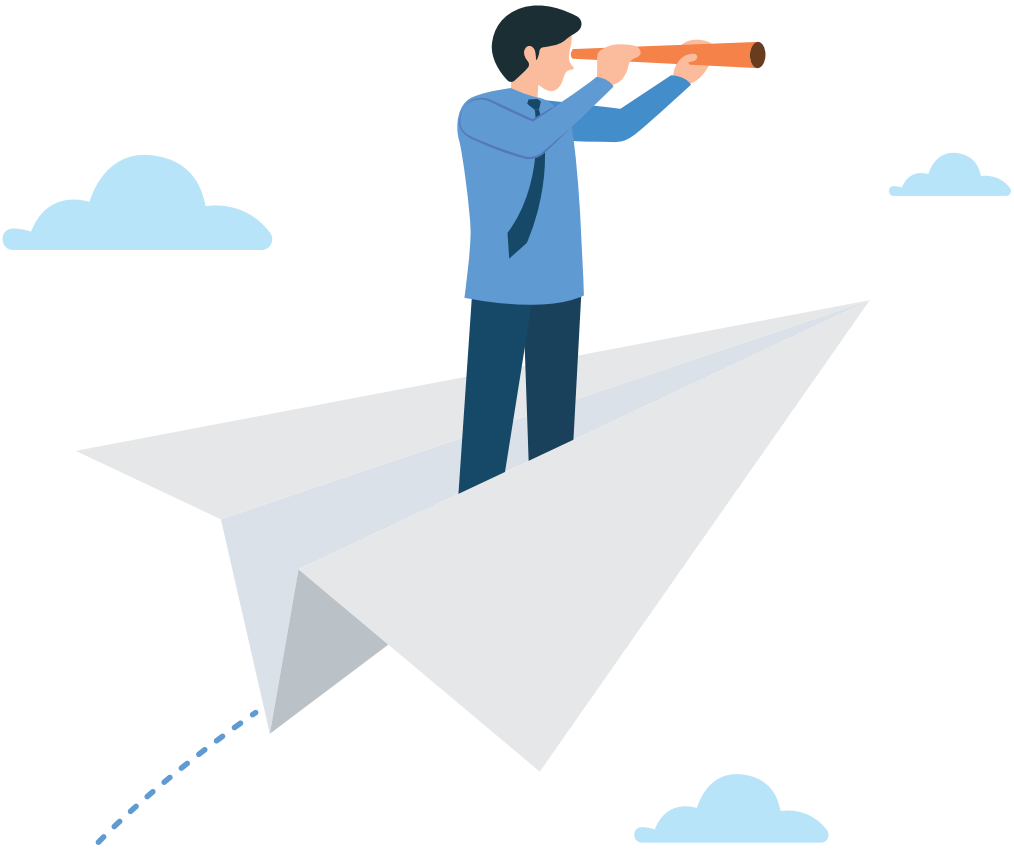
Prioritization for artificial recharge map- Groundwater Surveys & Development Agency (G.S.D.A.)- https://gsda.maharashtra.gov.in/english/

Other references

Reference raters - All references for civil work and de-silting work rates taken from water conservation department govt. of Maharashtra.

9. Future Plans

- Expansion in nearby villages
- Developing a cluster with below objective:
  Watershed management and soil recourse management
  Area treatment - Farm bund works, Water Way,
  Grass seedlings
  Stone Outlet
  Drainage Line Treatment
  Construction of Gabions.
  Sanitation
  Tree plantation
- Awareness of water budgeting and drip/sprinkler irrigation implementation.
- Encouraging farmer to cultivate Orchard using drip irrigation to improve livelihood
- Promoting micro entrepreneurship through dairy, Goat farming, Management. etc.



Before

After

Skool फलक

Skool संसद

Conserve to Serve

ec पावित्र्य

Niramaya

ग्रामार्थ

Upayn....
....donation in the form of gift

दीपस्तंभ

Deepastambha Charitable Trust

28, Ishaanika, Natraj Society, 9th Lane, Karvenagar, Pune - 411 052

Contact: +91 9970704444 / 020 25461144

Email: info@deepastambha.com

www.deepastambha.com