

Land Acquisition and Involuntary Resettlement Due Diligence Report

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CURRENCY EQUIVALENTS

(As on February 2020)

Currency unit	=	Indian rupee (₹)
₹1.00	=	\$0.014
\$1.00	=	₹72.18

ABBREVIATIONS

ADB	-	Asian Development Bank
BPL	-	below poverty line
CAPP	-	consultation and participation plan
CBO	-	community based organization
DMA	-	District Metered Area
GOI	-	Government of India
GOMP	-	Government of Madhya Pradesh
GRC	-	grievance redressal committee
GRM	-	grievance redress mechanism
MFF	-	multi-tranche financing facility
MPRDC		Madhya Pradesh Road Development Corporation
MPUDC	:	Madhya Pradesh Urban Development Company Limited
MPUIF	:	Madhya Pradesh Urban Infrastructure Fund
MPUSIP	:	Madhya Pradesh Urban Services Improvement Project
PBC	-	performance-based contract
PDA	-	project design advance
PIU	-	project implementation unit
PMC	-	project management consultants
PMU	-	project management unit
PPTA	-	project preparatory technical assistance
RFCTLARR	-	The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
ROW	-	right of way
RWA	-	resident welfare association
SIA	-	social impact assessment
SPS	-	Safeguard Policy Statement
TOR	-	terms of reference
UADD	-	Urban Administration and Development Directorate
UDED	-	Urban Development and Environment Department
ULB	-	urban local body
WTP	-	water treatment plant

WEIGHTS AND MEASURES

Ha	-	Hectare
KL	-	Kiloliter
Kms	-	Kilo meters
LPCD	-	Liter per capita day
MLD	-	Million liter per day
M	-	Meter
mm	-	Millimeter

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I. INTRODUCTION

A. Background

1. Government of Madhya Pradesh (GOMP) with a sector project loan funding from Asian Development Bank (ADB) has proposed to implement Madhya Pradesh Urban Services Improvement Project (MPUSIP), herein after referred as 'the Project'. Madhya Pradesh Urban Development Company Limited (MPUDC) shall be the Implementing Agency and the State Urban Development and Environment Department (UDED) shall be the executing agency for the Project. A project management unit (PMU) created under MPUDC is implementing MPUSIP.

2. The Resettlement Framework for MPUSIP outlines the objectives, policy principles and procedures for land acquisition, if any, compensation and other assistance measures for Displaced Persons¹ (DPs)/Affected Persons, if any. This framework reflects the borrower's law on the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013, state government policies, ADB's Safeguard Policy Statement (SPS), 2009 and other social safeguard guidelines. A detailed description of compensation measures and assistance is provided in the entitlement matrix.

3. An entitlement matrix, consistent with the existing norms and guidelines of the country and the state government, and ADB's Safeguard Policy Statement has been prepared to cover losses identified in this Project. The matrix recognizes that the lack of title/customary rights recognized under law will not be a bar to entitlement and has special provisions for non-titled persons. The eligibility for compensation will be determined through a cut-off date. People moving into the sub-project area after the cut-off date will not be entitled to compensation or other assistance.

B. Program Description

4. Coverage: As per revised procurement plan, MPUSIP. physical components include (a) improvements to water in 69 project towns, and (b) sewage and storm water collection and treatment services proposed in four (4) identified towns namely Saikheda, Sanawad, Anjad and Badwah under phase I. In Phase-II, water supply scheme in 59 subproject towns and sewage collection and treatment services proposed in eight towns namely Sanchi, Dhamnod, Mandsaur, Nagda, Jabalpur (part-II), Maihar, Khajuraho and Rajnagar. The objective of the proposed improvements in subproject towns is to achieve safe and sustainable water services both in terms of services to customers, cost recovery and conservation of precious water resources. The project envisages 100% coverage of population with continuous, pressurized and safe drinking water services and achieving progressively increasing cost recovery by expanding the coverage and increasing operating efficiency. The main objectives of the Project are as follows:

- Supplying pure drinking water.
- Promote sustainable measures to increase potable water supply to the population.
- Water supply through future sustainable source developments.
- Water supply through improvements of safe yield of existing water sources.
- Water supply through improvements to water treatment works.

¹ In the context of involuntary resettlement, displaced persons are those who are physically displaced (relocation, loss of residential land, or loss of shelter) and/or economically displaced (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas. It covers them whether such losses and involuntary restrictions are full or partial, permanent or temporary

- Drinking water supply contributes towards a sustainable regional development.
- To improve the current state of the water cycle of subproject through improvements in the separate components of the water supply system in investment program.

C. Scope of this Report

5. This land acquisition and resettlement due diligence report is prepared for the proposed water supply subproject for Jawar Municipal Parishad, located in Sehore district, under MPUSIP. Proposed components of the Jawar water supply subproject include construction of water intake, water treatment plant, storage reservoir, transmission mains and distribution system. The proposed subproject will provide metered water supply for domestic, institutional and commercial users, including metered connections to each household in the town. All municipal wards of the town will be covered under the project. As per census 2011, Jawar had a population of 8206 and estimated population for the design year 2050 is 13159.

6. A due diligence process was conducted to examine the land acquisition and resettlement issues in detail, in line with ADB SPS 2009. This report describes the findings and provides copies of relevant documents, maps, minutes of meetings and photographs. This land acquisition and resettlement due diligence report needs to be read along with the Resettlement Framework prepared for MPUSIP.

7. Involuntary resettlement impacts will be reconfirmed after completion of detailed design and detailed measurement surveys (DMS) which will be conducted by the Design Build and Operate (DBO) Contractor before initiation of civil works during implementation². Executing Agency will be responsible for submission of the updated social safeguard document to ADB for No Objection. The final involuntary resettlement report will be reviewed and disclosed on website of urban local body (ULB), implementing agency and ADB. No construction work will commence before the updated social safeguard document for the package is reviewed and approved by ADB and compensation to affected persons if any, paid. MPUDC is responsible to hand over the project land/sites to the contractor which should be free from all encumbrances.

II. POLICY FRAMEWORK AND ENTITLEMENTS

8. The Resettlement Framework prepared for MPUSIP sets out the objectives, principles, eligibility criteria and entitlements for affected persons, based on ADB SPS, 2009 and LARR 2013 as well as national and state laws for protection of street vendors. Until recently, all activities related to rehabilitation and resettlement in the State of Madhya Pradesh had been based on the Madhya Pradesh Resettlement and Rehabilitation Policy, 2002 (MPRR) and National Rehabilitation and Resettlement Policy, 2007 (NRRP-2007). GOMP adopted LARR 2013 on 3rd October 2014 with some specifications for operationalizing its implementation in the state³. Details of policies are in the Resettlement Framework for MPUSIP.

² Detailed measurement survey will be jointly conducted by safeguards personnel of project implementation unit, consultants and contractors prior to implementation at each site/stretch of alignment. Report (IR DDR /RP for different sites/stretches will be prepared and submitted to ADB for approval; prior payment of compensation to permanent and/or temporarily impacted persons is mandatory before start of civil work at each site/alignment stretch.

³ These GOs issued separately in September 2014 (i) notifies administrative cost of land acquisition; (ii) appoints Divisional Commissioners as Commissioner for Rehabilitation and Resettlement within their respective jurisdictions; (iii) authorizes District Collectors for constituting an Expert Group separately in respect of each project, (iv) notifies the factor which the market value is to be multiplied in case of rural areas, (v) appoints Officer-in charge of Land Acquisition Section in the Office of the Collector as Administrator for Rehabilitation and Resettlement and (vi) limits agricultural land acquisition, as required by the RTFCLARR, 2013.

III. SUBPROJECT DESCRIPTION

A. Project area

9. Subproject town Jawar is located in the Sehore District of Madhya Pradesh State. This town and nearby region have high agricultural importance. Due to its location on Malwa Plateau, it has the benefit of productive soil which helps in growing cash crops like wheat; soybean etc. Jawar is located at 23° North Latitude and 76.5° East Longitude. It has an average elevation of 303 meters (994.09 feet) from mean sea level. Jawar town lies on the road which connects National Highway 86. It can be reached from Bhopal through NH-86 and then it is 2 kms far from the National Highway. District Headquarter, Sehore is at a distance of 53 kms and Bhopal City is about 95 kms away from town Jawar. The town does not have railway facility and the nearest railway station is at Sehore town. The nearest airport is at Bhopal. Jawar town is divided into 15 wards and has population of 8206 of which 4182 are males while 4024 are females as per Census of India 2011. In Jawar town, female sex ratio is 962 against state average of 931. Literacy rate of Jawar town is 74.06% higher than the state average of 69.32%. In Jawar town, male literacy is around 84.49% while female literacy rate is 63.23%.

B. Existing system

10. The present water supply in Jawar is mainly from tube wells. There are 15 numbers tube wells fitted with 10 HP-15 HP motor pumps. The maximum water availability from tube wells is 0.30 MLD. The water from tube wells is being directly pumped to OHT by adding bleaching powder. There is an Intake well having 2.50 m diameter and 10 m height on Newaj river which was built 40 years back and is in bad condition not in use at present. There is no water treatment plant as on date in Jawar. The underground water table has been decreasing every year as a result of drawl of water from the tube wells. The increasing depth of water table is resulting in high pumping cost and there is also a possibility of the presence of heavy metals in water.

11. Presently, Jawar has two overhead tanks (OHTs) of capacity 200 KL and 50 KL. The OHT situated near Mogi mohalla having capacity of 200 KL was constructed in 2006 and is in good condition. The second OHT (50 KL) was constructed in the year 1975 near Nagar Parishad office and in bad condition. The 50 KL OHT has been discarded in the proposed project. The water is supplied by directly pumping water from the tube wells to the OHTs. The existing distribution system comprises PVC and GI pipes having diameters of 80 mm – 150 mm with total length of 6 Kms. The pipes are not in a good condition and need to be replaced.

C. Proposed Water Supply

12. The primary objectives of the proposed water supply subproject include:

- (i) service improvements to achieve safe and sustainable water services both in terms of services to residents and cost recovery conservation of precious water resources.
- (ii) The project envisages providing 100 percent coverage of population with continuous, pressurized and safe drinking water services and achieving progressively increased cost recovery by expanding the coverage and increasing operating efficiency.
- (iii) Safe and sustainable water services both in terms of services to residents and cost recovery.

- (iv) Conservation of precious water resources. The project envisages 100 percent coverage of population with continuous, pressurized and safe drinking water services and achieving progressively increasing cost recovery by expanding coverage and increasing operating efficiency.

13. Proposed components under water supply scheme (WSS) town Jawar is as follows:

- **Proposed Source:** Khaniyakhedi earthen dam for Irrigation and water supply across Dudhi river which is yet to be constructed by Water Resources Department (WRD), GOMP⁴. Dam is proposed as Dudhi river is a non-perennial river. For details, please refer to Table 3.
- **Intake Well:** Construction of an intake well having diameter of 5.0 M and height of 10.50 M for drawl of 1.10 MLD raw water for ultimate demand (2050) from earthen dam at village Khaniyakhedi.
- **Raw Water Pumping Main (RWPM):** Providing, laying & jointing of 150 mm diameter DI K-9 class pipe from intake well to water treatment plant (WTP) having total length of 17000 m for conveying 1.10 MLD raw water.
- **Water Treatment Plant (WTP):** Construction of WTP (1.10 MLD), having two rapid sand gravity filters, one clariflocculator of 7.00 m diameter at Annapurna Nagar under ward number 6.
- **Clear water pumping and feeder Main:** CWPM of 50 m long and 150 mm diameter and CWFPM of 3219 m length and 150 mm dia of DI K-9 pipes.
- **Clear Water Pumps:** Providing and installation of 2 nos. clear water centrifugal pump-sets (one working and one stand by) 6.00 KW each having discharge of 11 lps & pumping head of 41.00 m, 11.00 KVA transformer with all other necessary electrical and mechanical installations.
- **Overhead tank (OHT):** Construction of two new OHTs having capacity of 100 KL each and having staging height of 18 m proposed at Sunarbala Thatha under ward number 4 and at Mogiyapura under ward number 9 for the distribution of water to the various parts of Jawar. The existing OHT of 250 KL at Annapurna Nagar under ward number 6 will also be used in the proposed project for the distribution of treated water to different parts of the town
- **Distribution System:** Providing, laying and jointing 28845 meters of HDPE PN 10 pipe of 110 mm to 200 mm diameter for strengthening and extension of water supply distribution network for supplying of 70 LPCD water to 100% of the municipal area.
- **Other Provisions:** Bulk flow meters, domestic water meters with house connections (1700 numbers) and SCADA and environmental safeguards etc.

IV. FIELD WORK AND PUBLIC CONSULTATION

14. This involuntary resettlement due diligence report is prepared in consultation with stakeholders including local residents, beneficiaries/consumer, and Urban Local Body (ULB) officials/representatives. Informal consultations and focus group discussions (FGDs) were conducted to seek feedback from local people and other important stakeholders on the proposed development interventions, perceived impacts and mitigation measures and their participation.

A. Outline of Fieldwork

⁴ Proposed Earthen Dam will be constructed by WRD. Detailed design of this earthen dam has been completed and approved by WRD and tendering is in process, this proposed project is likely to be completed within two years by 2022.

15. During the visit, a field inspection of proposed subproject facility locations and pipeline alignments that had been identified was undertaken. These included field visit to the identified sites and alignments and stakeholder consultations. The entire land requirement for the proposed subproject component will be fulfilled by government lands. The details of selected lands for subproject components are given in Appendix-1 and Appendix 5.

B. Field work Report

16. Meetings were held with the concerned ULB officials, public representatives, stakeholders and prominent residents of subproject town to collect data / information for proposed subproject during various discussions/meetings (refer to Appendix 2 and 3).

- During the meeting and discussion, information on the present situation of water supply in the town and the requirement of the stakeholders, were gathered. Based on present water supply arrangements and gaps arrives are well documented.
- With the ULB authorities, all the possible water supply sources and identified locations for all other the components of water supply scheme, were visited.
- All the options of possible water supply source, its dependability, quality assurance of source available and the distance from the town, were studied.
- Water from the selected source was collected and tested from the Laboratory of Bhopal Municipal Corporation Laboratory, Bhopal. Also test report is obtained for designing purpose.
- Water security is ensured in consultation with the concerned department like WRD etc. such that best-chosen water source is made available to ULB for the purpose of water supply scheme.
- Revenue authorities were contacted to ensure the land acquisition, secured in the ownership of ULB, other department or revenue department under Govt. of Madhya Pradesh for Intake well, OHTs and WTP.

C. Public Consultation

17. Extensive consultations were undertaken with key stakeholders in line with ADB's requirements pertaining to environment and social considerations. Focus group discussion (FGD) conducted at nearby of proposed locations of Intake Well, WTP and OHT etc. The outcome of focused group discussion with stakeholders in the town and the line departments (persons involved in Infrastructure like water, waste water and allied services - Engineers and workers of ULB, water resource department (WRD), public works department (PWD), district administration and others. Thus, representatively various problems ahead may encounter to public during pre and post execution of work considers and after discussion with concern authorities' necessary mitigation measures are well considered (refer to Appendix 2). Tools used for consultation were stakeholder meetings. The following were the outcomes of consultations:

- (i) The consultations helped to identify the felt needs /concerns and apprehensions of the communities related to the project and priorities of concerned stakeholders.
- (ii) Consultations revealed that people are aware of the problems of the existing water supply system in the town and are willing to cooperate in the proposed project.
- (iii) Consultations with the key stakeholders revealed that existing water supply system is in a pathetic condition, so improvement is required and local inhabitant will definitely and fully accept the project.

18. The major stakeholders targeted during consultations are:

- (i) The municipality, its elected members and staff who will be required to oversee the construction of the distribution networks and WTP as well as be directly responsible for the maintenance of the installations.
- (ii) Local residents who will take initiative to connect their houses with the water distribution line.
- (iii) Local business people and traders.
- (iv) The opinion makers who are intimately acquainted with and well regarded by the community. They need to be enlisted in spreading environmental awareness within the community as well as in conveying the benefits of the project.

V. LAND AVAILABILITY AND INVOLUNTARY RESETTLEMENT IMPACTS

19. No land acquisition or involuntary resettlement impacts are anticipated for any of the identified sites for proposed components under subproject WSS town Jawar. Sites identified for subproject components are government lands which are vacant, unused, without any settlement / squatter / cultivation or other use. In this regard, land status certificate has been obtained from chief municipal officer-town Jawar certifying that all sites for the proposed subproject facilities are government lands, refer to **Appendix 6**.

20. Proposed source is Khaniyakhedi Earthen Dam, which is yet to be constructed by water resource department (WRD) under government of Madhya Pradesh across the river Dudhi. River Dudhi is non-perennial river and tributary of Chambal river. Detailed design report of this earthen dam has been completed and approved by WRD and process of tendering is in progress. This earthen dam project is likely to be completed within two years by 2022. Proposed dam is at a distance of 17 kms from Jawar town. The gross capacity of the dam is 18.08 MCM. Live storage capacity of the dam is 14.96 MCM. The dead storage of dam is 2.88 MCM. Proposed Intake well cum pump house under WSS town Jawar will be built on proposed Khaniyakhedi earthen dam at Khaniyakhedi village of Ashta Tehsil under Sehore district of Madhya Pradesh. Identified land for proposed Intake well cum pump house belongs to WRD. No objection certificate (NOC) is to be obtained from WRD to abstract water and construction of Intake well cum pump house. It is pertinent to mention here that water source finalization committee of MPUDC has already recommended the proposed source⁵.

21. Raw water pumping main (RWPM) of ductile iron pipe of K9 class of 17000 M length and 150 mm dia is proposed for transmission of water from intake well to water treatment plant. The pipes will be laid within the right of way of (ROW) of road of State Highway 18, PWD road, Pradhan Mantri Gramin Sadak Yojna (PMGSY) under PWD (rural roads) and Nagar Parishad Jawar. Proposed alignment RWPM will not cross any private lands throughout the course of the proposed alignment. NOC will be required from the respective departments to lay the pipeline. Enroute village namely Harniya is reported on the proposed alignment of RWPM, no impact is anticipated as no encroachment reported within the right of way (ROW) of the road.

22. A site for WTP has been identified at Khasra number 1419/1/1 ka at Annapurna Nagar under ward number 6. Approximately 2000 square meters of land will be required for the construction of WTP. The identified land belongs to the revenue department under GOMP which is vacant, unused, without any settlement / squatter / cultivation or other use. The land has been in the Revenue Department's possession for many years and was not acquired in

⁵ There is Water Source Finalization Committee (WSFC) of MPUDC under MPUSIP and the members are: i) Director Water Resource Department (WRD), ii) Manager Jal Nigam under Government of Madhya Pradesh, iii) Executive Engineer from Public Health Engineering department (PHED), iv) Head of Central Ground Water Board, Bhopal and v) Project Manager from respective PIU under MPUSIP.

In this regard, meeting of WSFC has been organized by MPUDC (MPUSIP) on 07th April 2018 which recommends the proposed Source (earthen dam yet to be constructed by WRD) and directed DPR Consultant to frame the proposal accordingly.

anticipation of ADB funded Project. No objection certificate (NOC) is to be obtained from the District Collector - Sehore before initiation of the civil works. The process of land transfer to ULB is underway. Existing OHT of 250 KL is present at this site which is considered under the proposed WSS subproject.

23. Clear water pumping and feeder main is proposed for transmission of water from WTP to OHTs in each zone in the town. CWPM of 50 m long and 150 mm diameter and CWFM of 3219 m length and 150 mm dia of ductile iron pipes of K9 class pipes is proposed to lay within the right of way (ROW) of the existing roads of Nagar Parishad-Jawar. Proposed alignments of CWPM and CWFM will not cross any private lands throughout the course of the proposed alignment.

24. Two numbers of overhead tanks (OHTs) having capacity of 100 KL each with staging height of 18m will be constructed at Sunarbala Thatha under ward number 4 and at Mogiyapura under ward number 9 respectively for the distribution of water to the various parts of Jawar. Both the identified sites for proposed OHTs are under possession of revenue department, GOMP and are vacant, unused, without any settlement / squatter / cultivation or other use. For details, please refer to Appendix 1 and 5. No objection certificate (NOC) is to be obtained from the District Collector - Sehore before initiation of the civil works. The process of land transfer to ULB is underway.

25. New distribution pipelines (28.845 kms) are proposed to be laid within existing road ROWs of Nagar Parishad Jawar. Proposed pipe diameters range between 100 mm and 200 mm. Pipe laying activity on roads in the most congested market areas and densely built-up areas has been carefully planned to avoid involuntary resettlement impacts including temporary economic impacts to hawkers, shops and businesses.

26. Measures will be taken to minimize excavation, disturbance to pedestrians and traffic and avoid income loss to businesses, while minimizing road reconstruction costs. Temporary impacts to traffic/ access to shops and residences due to digging of pits for pipe laying are possible during construction; however, these will be mitigated by ensuring access to properties through provision of pedestrian planks, provision of adequate signage, and careful traffic management. Mobile hawkers will be assisted to move to places vacant nearby or to other side of the road, to ensure their earnings are not affected. No income loss is anticipated.

27. House Service connections will be provided by tapping from a distribution main/sub-main from tapping point to the chamber near property boundary or inside the property boundary. At present, this town has total 1700 households.

28. Civil works for pipe laying will involve linear excavation for laying pipes along the roads, placing pipes in the trench and refilling with the excavated soil. The trenches will be 0.4 m – 0.7 m wide and 0.8 to 1 m depth. Subsequent to completion of works, road reinstatement will be undertaken by the Contractor as part of the civil works. The roads in the town area are wide and there are a few congested lanes with pedestrian and vehicular traffic, while the roads in outer areas are wide. No necessity for full closure of roads is identified. Proposed distribution pipe-laying on roads in the town are not anticipated to have any permanent or temporary involuntary resettlement impact.

29. Laying of transmission mains and distribution network pipelines in the project area has been carefully planned to minimize disturbance to pedestrians and traffic and avoid income loss to businesses. Potential temporary impacts to traffic/access to shops and residences due to digging and excavation for pipe laying are possible during construction; however, these will be avoided or mitigated by ensuring access to properties through provision of pedestrian planks, provision of adequate signage, and careful traffic management. There are no mobile hawkers along the internal roads where the water works will be implemented. If any such

vendors are reported, they will be assisted to move to nearby locations to ensure that their business remains uninterrupted. In case temporary shifting of vendors with temporary structures is necessary, such shifting will be undertaken on a weekly holiday, to avoid income loss on the day(s) of shifting. The vendors who are assisted to shift and will be able to continue plying their trade during the construction period at the alternative location. No income loss is anticipated.

Table 1: Proposed subproject components under WSS town Jawar and their Involuntary Resettlement impact

	Components	Capacity	Unit (No.)	Length/Area	Land ownership	Involuntary Resettlement Impact
1	Intake well cum pump house at Khaniyakhedi.	1.10 MLD	1	Intake: 10.50 M height and 5 M diameter	WRD	Intake well has been proposed to draw raw water from proposed earthen dam. Permission for extraction and construction to be taken from WRD ⁶ . Proposed land is vacant without any settlement/ squatter /cultivation or other use. No involuntary resettlement impact is anticipated, refer Appendix -1 and 5.
2	Water Treatment Plant (WTP) at Annapurna Nagar under ward number 6	1.10 MLD	1	Available area: 5.5110 Ha Required Area: 0.2 Ha	Revenue department under GOMP	Visited by team at identified land for proposed WTP and reported vacant land. Existing OHT is already present at this site. No involuntary resettlement impact is anticipated. For details of Khasra and map refer Appendix -1 and 5.

⁶ There is Water Source Finalization Committee (WSFC) of MPUDC under MPUSIP and the members are: i) Director Water Resource Department (WRD), ii) Manager Jal Nigam under Government of Madhya Pradesh, iii) Executive Engineer from Public Health Engineering department (PHED), iv) Head of Central Ground Water Board, Bhopal and v) Project Manager from respective PIU under MPUSIP.

In this regard, meeting of WSFC has been organized by MPUDC (MPUSIP) on 07th April 2018 which recommends the proposed Source (earthen dam yet to be constructed by WRD) and directed DPR Consultant to frame the proposal accordingly.

	Components	Capacity	Unit (No.)	Length/Area	Land ownership	Involuntary Resettlement Impact
4	Overhead tank (OHT) at Sunarbala Thatha under ward number 4	100 KL	-	Available Area: 0.7530 ha Required area: 0.02 Ha	Revenue Department under GOMP	Proposed land is vacant without any settlement/squatter /cultivation or other use. No involuntary resettlement impact is anticipated, for details refer to Appendix 1 and 5.
5	OHT (100 KL) at Mogiyapura under ward number 9	100 KL		Available Area: 0.7730 ha Required area: 0.02 Ha	Revenue Department under GOMP	Proposed land is vacant without any settlement/squatter /cultivation or other use. No involuntary resettlement impact is anticipated, for details refer to Appendix 1 and 5.
6	Guard cum operator house at Intake well and WTP and Boundary wall with gate at WTP and OHT (3 in numbers)				Government land, Belongs to Revenue department under GOMP	No involuntary resettlement impact is anticipated. For details, refer to serial number 2, 3, 4 and 5 of table
7	Raw Water Pumping Main (RWPM) Transmission main			RWPM of 17000 M of 150 mm diameter DI K-9 class pipe	Government land existing road ROW belongs to State highways, PWD and PWD (rural roads) for PMGSY	RWPM pipeline will be laid underground from the intake well to WTP site along the existing road ROW. Sufficient shoulder width is available for laying pipe line. It will not cross any private land along the alignment.
8	Clear water pumping and feeder Main:			CWPM of 50 m long and 150 mm diameter and CWFM of 3219 m	Existing road ROW under Nagar Parishad Jawar	Clear water pumping and feeder main pipeline will be laid underground from the WTP site to OHTs along the existing

	Components	Capacity	Unit (No.)	Length/Area	Land ownership	Involuntary Resettlement Impact
				length and 150 mm dia of DI K-9 pipes		road ROW which belongs to Nagar Parishad Jawar. Sufficient shoulder width is available for laying pipe line. It will not cross any private land along the alignment.
9	<u>Distribution Pipeline</u> HDPE pipe – 28845 M			28845 M	Existing road ROW (public land) under Nagar Parishad Jawar	Pipelines pass through existing road RoWs (government roads). Temporary impacts on traffic/access to shops and residences anticipated in some places. Contractor to provide signages indicating available alternate access route to minimize traffic disruptions. Contractor will have to ensure access to shops and residences as per EMP provisions.
10	Household connections with domestic metres		1700		-	During construction period, access to residences and shops likely to be temporarily affected. Contractor will have to ensure access as per EMP provisions.

30. **Mitigation:** The sites or locations for the subproject components have been selected carefully to avoid and minimize involuntary resettlement impacts. The following mitigation measures are proposed to avoid and/or reduce the impacts during linear pipe works:

- (i) Provide prior advanced notice (minimum one week) to community along the construction stretch. Distribute information on project and grievance redress mechanism,

- (ii) Maintain access to avoid disturbance to residents and businesses by providing planks and leaving spaces for businesses and residents to maintain access,
- (iii) Manage traffic flows as per traffic management plan prepared by the contractor in coordination with local authorities and communities,
- (iv) Limit the amount of time of open trenches, and complete works quickly where business activities are located,
- (v) Avoid full street closure to extent possible,
- (vi) Contractors shall provide employment opportunity to the local residents and particularly woman where possible, and
- (vii) Contractors shall assist vendors and hawkers in shifting to alternative locations, if required.

31. This subproject does not have any involuntary resettlement impact as there will be no physical or economic displacement. The subproject will have no adverse land acquisition impacts as the subproject components are proposed on public lands belonging to revenue department under GOMP. The identified site /land does not belong to tribal community. Transmission and distribution pipeline carrying raw and clear water will traverse only through right of way (ROW) of government roads. An involuntary resettlement screening checklist is prepared and attached as Appendix 4. Accordingly, the subproject is classified as 'Category C' for involuntary resettlement under ADB's SPS-2009.

VI. CONCLUSION

A. Summary and Conclusions

32. No land acquisition and involuntary resettlement impacts are assessed at identified sites for sub-project components, as adequate vacant land is available for the proposed facilities, within the compounds of government lands. For abstraction of raw water, intake well is proposed at Khaniyakhedi village where earthen dam is proposed at Dudhi river. Detailed design of earthen dam has been completed and approved by WRD and process of tendering is in progress. Though, WSFC has recommended the proposed source but no objection certificate (NOC) is yet to be obtained from WRD for abstraction of water and construction of intake well. The dam construction is expected to be completed within two years after issuance of letter of award (LOA). The sites for proposed WTP and OHTs are owned by revenue department. Linear components (pipe laying) are proposed along government road ROWs belonging to State Highways, PWD and PMGSY. Temporary disruption to road users, pedestrians and community members will be avoided in the most congested zones of Jawar with proper traffic management with the help of local police and officials and with appropriate mitigation measures. Safety measures will be taken during construction time to avoid injuries. Inconveniences to the public will be mitigated during construction by the contractor through simple measures such as provision of planks for pedestrian access to shops with effective traffic management. A budgetary provision is made for costs likely to be incurred for updating of this DDR and implementation of identified mitigation measures.

Table 2: Budgetary Requirements

S.no	Description	Target group	Estimated cost	Source of fund
1	For consultation	persons of project area	INR 100000	Included in subproject cost
2	Communication, awareness generation and grievance redress	persons of project area	INR 150000	Included in subproject cost

S.no	Description	Target group	Estimated cost	Source of fund
3	Mitigation Measures: Tanker supply for areas where existing water supply disrupted during construction etc.	Affected areas	INR 100000	Included in subproject cost
4	15% contingencies		INR 52,500	Included in subproject cost subproject cost
	Total		INR 402500	

B. Next Steps

33. The DDR needs to be updated with the following information:

- NOC from WRD to be obtained for abstraction of water and construction of Intake well, appended in updated IR DDR.
- NOCs for pipelaying from concerned departments e.g., State Highways, PWD and Rural Roads Department.
- NOCs from District Collector Sehore to be obtained for identified revenue land proposed for WTP and OHT (in progress) and appended to the updated DDR.
- Transfer of the land ownership in the name of Nagar Parishad Jawar, to be appended to the updated DDR.
- Upcoming consultations with women and third gender elected representatives and community members will be targeted and included in updated involuntary resettlement DDR.
- Consultation with enroute village namely Harniya, and with Khaniyakhedi village (intake location), to be included in the updated involuntary resettlement DDR. More consultations across town involving women, to be included in the updated DDR.
- In addition to the above, in order to improve the quality of consultations, local community organizers will be appointed for Project under package; record of consultations held with local communities and other stakeholders to be included in updated/final DDR.

Table 3: Salient Features of Khaniyakhedi Earthen Dam

Attribute	Value
Name of the Dam	Khanyakhedi
Dam Type	Earthen
River	Dudhi River
Basin Name	Chambal
Nearest City	Sehore
District	Sehore
State	Madhya Pradesh
Dam Status	Yet to be Constructed (tender in progress)
Purpose	Irrigation & Water Supply
Length of Dam (m)	1770
Max Height above Foundation(m)	18.14
Maximum Water Level (m)	238.11
Full Reservoir Level (m)	237.5
Minimum Draw Down Level(m)	228.96
Gross Storage Capacity(MCM)	18.08
Live Storage Capacity(MCM)	14.96
Dead Storage Capacity(MCM)	2.88
Water Supply purpose	1 MCM
Ultimate Year Water Demand for Jawar Town	1.10 MLD or 0.4 MCM
Catchment Area (Sq.Km.)	107.69
Distance of Dam from Jawar town (km)	17

Figure 1: Google Image showing location of Intake and Dam



Figure 2: Google Image showing location of proposed WTP



Figure 3: Google Image showing location of proposed OHT 1 (Mogiyapura under Ward number 9)

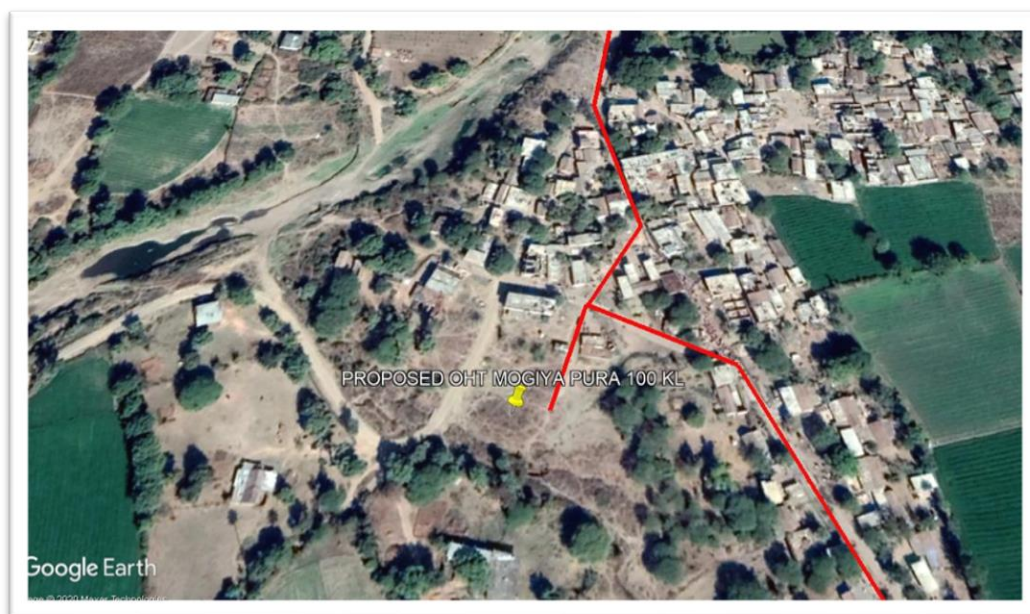


Figure 4: Google Image showing location of proposed OHT 2 (Sunarbala Thata under Ward number 4)

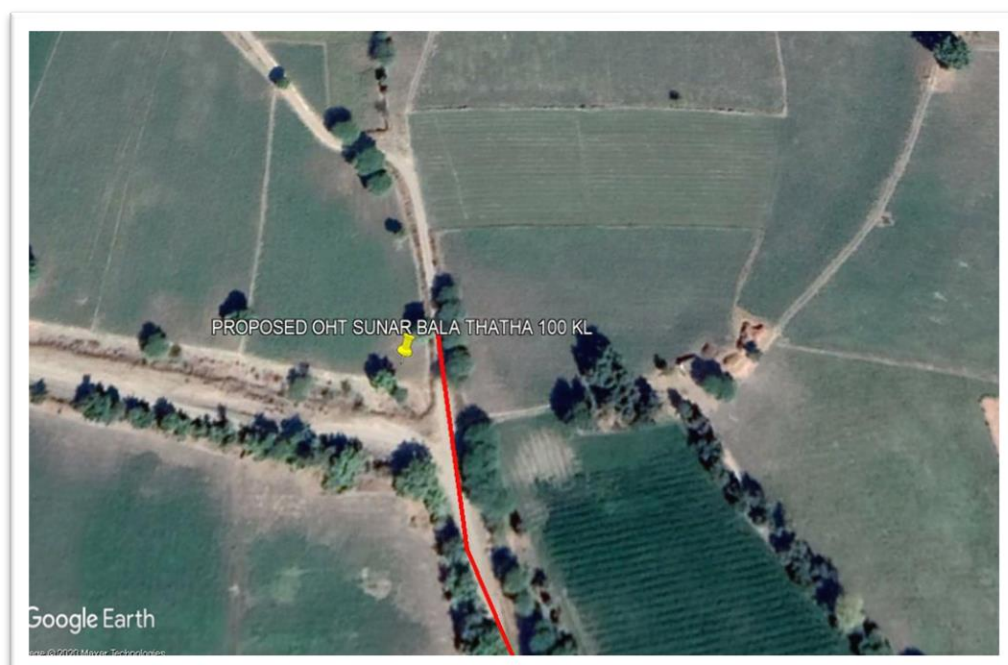
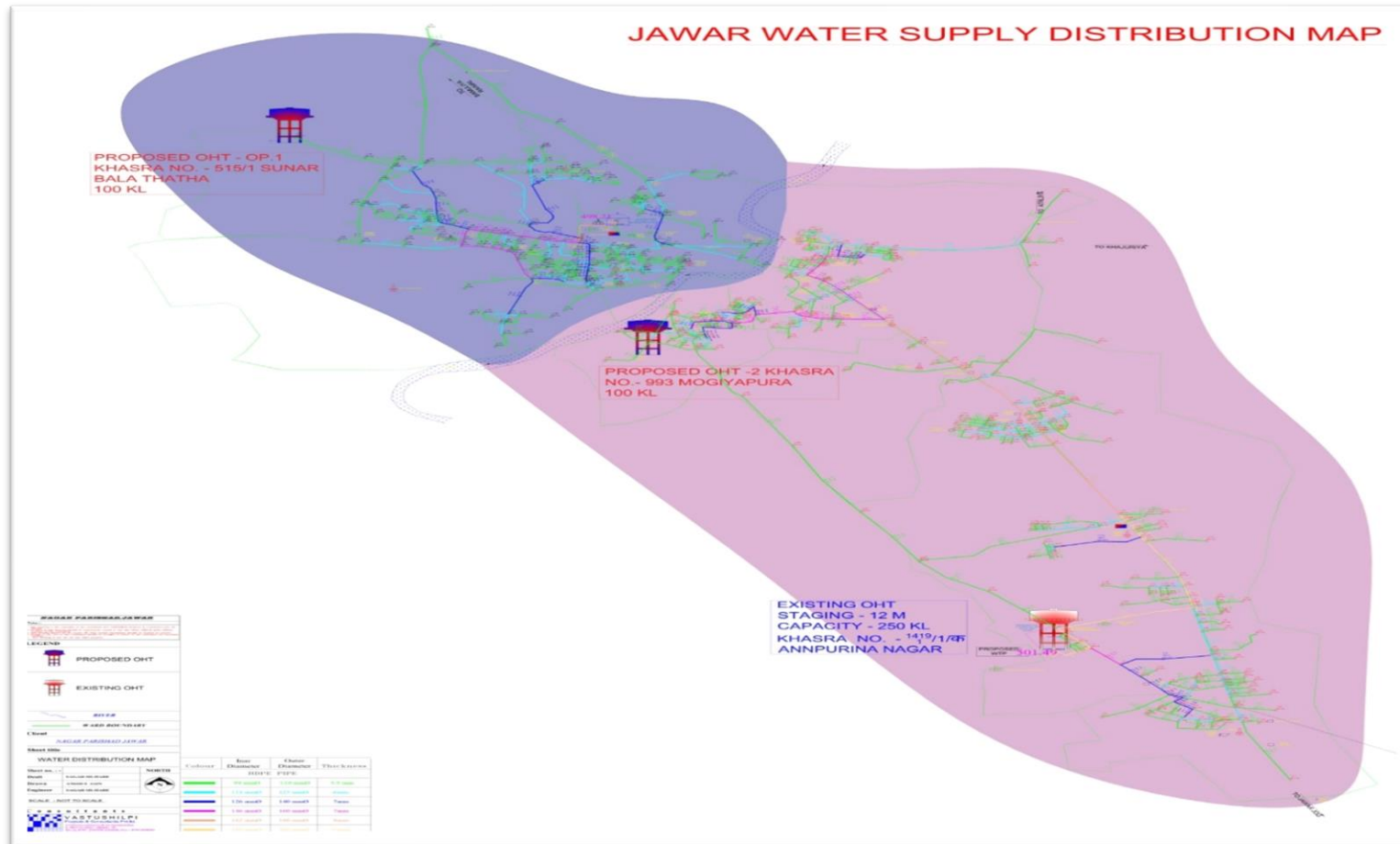





Figure 5: Jawar Water supply scheme Distribution Map



Appendix 1: Details of Land Ownership for each Water Works Component to be constructed

Component	Location	Ownership of Land Proposed	Plot Number (Khasra Number)	Land Required	Land Available	Status of NOC	Site
Intake well (1.10MLD) at Earthen Dam (to be constructed by WRD)	23°03'40"N 76°36'00"E at Khaniyakhedli	Water Resource Department (WRD)			Yes	NOC is to be obtained from WRD, Government of Madhya Pradesh	
WIP	22°59'44.99"N 76°30'34.96"E at Annapurna Nagar under ward number 6 Opposite Sarsawati School	Revenue department	1419/1/1 Ka	02Ha	5.5110Ha	Proposal has been sent to Revenue department for allotment of the land	

CHT-100KL	23°00'21.73"N 76°30'06.44" E Ward Number 9 At Mogiyapura	revenue department	993	0.02 Ha	0.7730 Ha	Proposal has been sent to Revenue department for allotment	
CHT-100KL	23°00'48.46"N 76°29'41.84" E Ward Number 4 At Sunarbala Thatha	Revenue Department	515/1	0.02 Ha	0.7530 Ha	Proposal has been sent to Forest department for allotment	
Raw Water Pumping Main (RWPM)	RWPM 150mm diameter from ROW intake well to belongs to WTP having State total length of 17000M	Existing road belongs to State highways, PWD and PMGSY				NOC is to be obtained from State Highways, PWD and PWD (rural roads) for PMGSY before laying the RWPM	

Clear Water Pumping and Feeder Main	OWPM of 50 m long and 150 mm diameter and OWPM of 3219 m length and 150 mm diameter of DI K-9 pipes.	Existing road belongs to Nagar Parishad Jawar						
Distribution Networks	Pipe dia of 110 mm to 200 mm diameter of having length of 28845 M	Existing road belongs to Nagar Parishad Jawar						

Appendix 2: Summary of Stakeholder Consultations

Date	Location	Nb. of Participants	Participants	Topics Discussed	Issues
19 th Sep. 2018	ULB office	Total=15 (Male)	Elected representatives, Chairperson of ULB, Chief Municipal Officer, Engineers, officials of revenue department	<ul style="list-style-type: none"> Briefing on project objectives probable implementation procedures Present drinking water supply source and its condition Need of improvement of the present situation Potential positive and negative impacts due to project implementation Land use and area to be covered under the project Drinking water user charge 	<ul style="list-style-type: none"> The Chairman of the ULB expressed need for the project and willingness to take it up; The prime concern and apprehension of the ULB Chairman regarding the project was whether it will be a financial burden on the Nagar Parishad. Operation and maintenance of the facilities developed under the project and community participation; Possibility of exempting the poor and vulnerable from user charge payment.
19 th Sep. 2018	ward 9 and 16	Total=15 (male)	Slum dwellers	<ul style="list-style-type: none"> Briefing on project objectives probable implementation procedures Potential positive and negative impacts due to project implementation Experiences sharing on - livelihood activities, Resettlement and Rehabilitation, women empowerment, tribal development, health, education, convergence with existing government social security schemes etc. Grievance Redress procedures 	<ul style="list-style-type: none"> None of the people knew about the proposed project. On learning about the project, they expressed that they were happy that the entire community would be benefited from the upgraded water supply. Slum dwellers showed willingness to take water connections but demanded relaxation in user charges. People were briefed about the complaint redress mechanism.

Date	Location	No. of Participants	Participants	Topics Discussed	Issues
04 th March 2020	Nagar Parishad Office	Total: 5 Male: 5 Female: 0	Officials of Nagar Parishad Jawar	<ul style="list-style-type: none"> Briefing on project objectives probable implementation procedures Present drinking water supply source and its condition Need of improvement of the present situation. Proposed Source and components under WSS Jawar Potential positive and negative impacts due to project implementation Land use and area to be covered under the Sub project design and pipe laying, location of sub project component like Source, Intake, WTP and OHT Grievance Redressal Mechanism (GRM) and Resettlement framework under MPUSIP 	<ul style="list-style-type: none"> Present water supply quantity is not sufficient in town. Some wards don't get the municipal water supply Water quality in town is also not good and sufficient. Identified land for proposed components belongs to revenue department. Briefed about GRC and Resettlement framework Operation and maintenance of the facilities developed under the project and community participation, so, it is good effort by government to participate in the proposed project
04 th March 2020	Intake well	Total: 6 Male: 6 Female: 0	Residents of Khaniyakhedi	<ul style="list-style-type: none"> Briefing on project objectives probable implementation procedures Relevant information of the upcoming project and benefits of the project 	<ul style="list-style-type: none"> People at village Khaniyakhedi were told about upcoming WSS Project for town Jawar. Location of the proposed Intake well shared with participants R/W PM will pass through the road Participants ensured support to the upcoming project for WSS town Jawar
04 th March 2020	Ward Number 5	Total: 11 Male: 11 Female: 0	Residents of Ward number 5	<ul style="list-style-type: none"> Briefing on project objectives probable implementation procedures 	<ul style="list-style-type: none"> The area has insufficient and inadequate drinking water resource. Water supply to

Date	Location	No. of Participants	Participants	Topics Discussed	Issues
				<ul style="list-style-type: none"> • Present drinking water supply source and its condition • Potential positive and negative impacts due to project implementation • Potential positive and negative impacts due to project implementation • Land use and area to be covered under the project • Relevant information of the upcoming project and benefits of the project. • Ensuring no income loss • Proposed subproject components. • Grievance Redressal Mechanism (GRM) and Resettlement framework under MPUSIP 	<p>the area is done through tube wells that supplies water to the community people.</p> <ul style="list-style-type: none"> • The area faces severe water crisis during the summer season when the ground water level drops. • All the households are ready to take new water connection. • People were agreeing to pay proposed water tariff and demanded to subsidized rate also • The community complained about the poor water supply in the town. • During discussion, people complained about poor water supply in town. Some people even don't have water supply connection in their home. • People were briefed about the complaint redress mechanism
04 th March 2020	Ward Number 15	Total: 6 Male: 6 Female: 0	Residents of Ward number 15	<ul style="list-style-type: none"> • Briefing on project objectives probable implementation procedures • Present drinking water supply source and its condition • Potential positive and negative impacts due to project implementation • Potential positive and negative impacts due to project implementation • Land use and area to be covered under the project • Relevant information of the upcoming project and benefits of the project. 	<ul style="list-style-type: none"> • The area has insufficient and inadequate drinking water resource. Water supply to the area is done through tube wells that supplies water to the community people. • The area faces severe water crisis during the summer season when the ground water level drops. • All the households are ready to take new water connection. • People were agreeing to pay proposed water tariff and demanded to subsidized rate also

Date	Location	No. of Participants	Participants	Topics Discussed	Issues
				<ul style="list-style-type: none"> • Ensuring no income loss • Proposed subproject components. • Grievance Redressal Mechanism (GRM) and Resettlement framework under MPUSIP • 	<ul style="list-style-type: none"> • The community complained about the poor water supply in the town. • During discussion, people complained about poor water supply in town. Some people even don't have water supply connection in their home. • People were briefed about the complaint redress mechanism and resettlement framework in case of any loss due to proposed components under WSS
04 th March 2020	Market area	Total: 9 Male: 9 Female: 0	Shopkeepers	<ul style="list-style-type: none"> • Briefing on project objectives probable implementation procedures • Present drinking water supply source and its condition • Potential positive and negative impacts due to project implementation • Potential positive and negative impacts due to project implementation • Land use and area to be covered under the project • Relevant information of the upcoming project and benefits of the project. • Ensuring no income loss • Proposed subproject components 	<ul style="list-style-type: none"> • Assured full support during implementation. • During excavation, dust and traffic management assurance given to the Shopkeepers with the help from local police and local shopkeepers. • Prior consultation / intimation before the start of civil works in market area. • Road restoration must be in timely manner. • Shopkeepers assured their full support to the Project and assured full cooperation during the construction phase • Street vendors and small shop owners got agreed on temporary shifting of Flats (to other roadside where alignment is not proposed) during excavation • It should be ensured that their business is not closed for the civil works ensuring

Date	Location	No. of Participants	Participants	Topics Discussed	Issues
					<p>no income loss</p> <ul style="list-style-type: none"> • The shop owners indicated that they are willing to accept the project which is ultimately for the benefit of the community people;

Appendix 3: Stakeholder Consultation photograph and List of participants

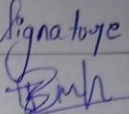
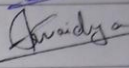
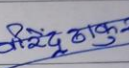
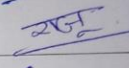
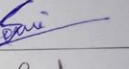
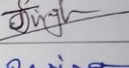
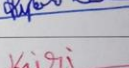
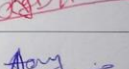
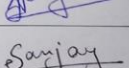
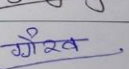
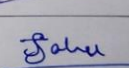
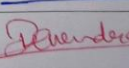
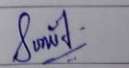
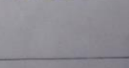
Consultation with CMO-Jawar, elected representative, official Nagar Parishad (19 Sept 2018)





List of Participants

On 19/09/2018, a stakeholder consultancy was organized at Jawar, Nagar Parishad and following were the persons who attended the meet:

S.No.	Name of Person	Contact No.	Signature
1.	Bhupendra Singh (M.O)	8966955619	
2.	Shailesh Kumar Vaidya (President)	9425067762	
3.	Vijendra Thakur (Ward No. 13)	9993410155	
4.	Raju Bhasag (Ward No. 12)	9329680319	
5.	Ashram Soni (Asst. President)	7999929155	
6.	Jai Singh Thakur (Ward No. 11) (President)	9300304055	
7.	Rajendra Patil (Ward No. 5)	9301051656	
8.	Krishna Kant Gopi (Police ST)	—	
9.	Ajay Singh Thakur (Ward 6)	9893291835	
10.	Sanjay Ajmera (Ward No. 8)	9893506465	
11.	Ganpat (Ward No. 9)	8823079436	
12.	Jagdish Sahu	6265277640	
13.	Dhirendra Singh Thakur	8269987644	
14.	Sumit Patil (Engineer)	9981445193	
15.	Shobham Dubey	—	

On 19/09/2018, a stakeholder consultancy was organized at Jawar, Nagar Parishad and following were the persons who attended the meet:

S.No	Name of Person	Contact NO.	Signature
1.	Jamuna Bai (SC/ST Ward)		
2.	Karamveer Singh "		
3.	Lal Krishna Bhuja "	9893350898	
4.	Mani Kojan Solve (SC)		
5.	Pankaj Rathore (SC)	7864333401	
6.	Pushparaj Jadon (SC)	7000358829	
7.	Ilyas Khan (ST Ward-8)	8107686796	
8.	Sudeep Pargapati (Ward-9)	9907974429	
9.	Deepak Baghel	7480083141	
10.	Haris k Thakur (farmer)	—	
11.	Deepak Parihar (farmer)	—	
12.	Pragati Singh Chohan	9895723602	
13.	Shubham Goud	—	
14.	Kanta Srivastava	8823762656	
15.	Bhujbal-Misra (Ward Bay)	8779163783	

A group of five men are gathered in an office. One man, wearing a pink shirt, is seated at a desk covered with a blue cloth. He is looking towards the camera. To his right, another man in a white shirt is seated, looking towards the man at the desk. In the foreground, two more men are seated, looking towards the camera. The man on the far right is wearing a yellow cap and glasses. A white air cooler is visible on the right side of the image.

[illegible]

S.N.	List of Participants	Mob. No	S.N.	List of Participants	Mob. No
1	Saiyad maksood ali CMO	9109288587	4	Deepak yadav	9754119943
2	Kewal das kuswah Sub-Engg.	9893941497	5	Ramkishan kurmi	7976592070
3	Subhas shabkar lipic	8770584709	6		

Photograph of consultation with Local Residents at Near Proposed intake well site



List of Participants during consultation with Local Residents at Near Proposed intake well site

[illegible]

S.N.	List of Participant	S.N.	List of Participant	S.N.	List of Participant
1	Badri Prasad	3	Ramdeen	5	Kamkishan
2	Bahadur singh	4	Brajbhan	6	Deepak

Photograph of consultation with Local Residents at ward-5 Nagar Parishad Jawar



List of Participants during consultation with Local Residents at Ward no-5 Nagar Parishad Jawar

[illegible]

English Translation

S.N.	List of Participant	Mob no	S.N.	List of Participant	Mob no
1	Sami uddin	9300874760	7	Atar singh	9575272171
2	Rattan singh	8818818805	8	Rajan	9893516526
3	Anwa kuresi	9754371293	9	Vinod	
4	Sunil lodhi	9753233127	10	Dariya	
5	Manohar lal		11	Nirmal rathor	9893983815
6	Dilip	9298891474	12		

Photograph of consultation with Local Residents at ward-15 Nagar Parishad Jawar



List of Participants during consultation with Local Residents at Ward no-15 Nagar Parishad Jawar

S.N	Name of the Participant	Designation	Mobile No.	Signature
1	राजेश सेन	स्थानीय	78796464	[Signature]
2	पंकज पंचाल	य		[Signature]
3	हजरत हुसैन	य		[Signature]
4	अयान सेबुक	य	8223821342	[Signature]
5	मुबारक खान	य		[Signature]
6	जाकिर हुसैन	य		[Signature]

S.N	List of Participants	S.N	List of Participants	S.N	List of Participants
	Rajesh sen		Hajrat husen		Muba rak khan
	Pankaj Panchal		Ayan sebook		Jakir husen

Photograph of consultation with Shopkeeper at market area Nagar Parishad Jawar



List of Participants during consultation with Shopkeeper at market area Nagar Parishad Jawar

Name of Place: Market area Jawar		4/3/2020		
Type of Stakeholders: shopkeeper				
Attendance Sheet of Participants during Consultation				
Sr. No.	Name of the Participant	Designation	Mobile Number	Signature
1.	सतीश कुमार	shopkeeper	9827852036	(Signature)
2.	गोरे	4	1089438860	गोरे
3.	2271818	4	9144437364	2271818
4.	अमर 212281	4	9644419130	अमर
5.	माधवी मा	4	9144421134	(Signature)
6.	मोहम्मद	4	930034051	मोहम्मद
7.	मोहम्मद	4		मोहम्मद
8.	इरफान	4		इरफान
9.	अमर 212281		9630361817	अमर

S.N.	List of Participants	Mob No.	S.N.	List of Participants	Mob No.
	Habib mansoori	9827852096		Mansruk kha	9300304054
	Manohar	7089435860		Moti singh	
	Ratan	9144437564		Harnath singh	
	Afsar khan	9644019130		Jagannath singh	9630361817
	Mohsin khan	9144421134			

Appendix 4: Involuntary Resettlement Screening Checklists

A. Introduction

Each project/subproject/component needs to be screen for any involuntary resettlement impacts which will occur or already occurred. This screening determines the necessary action to be done by the project team.

B. Information on project/subproject/component:

District/ Administrative Name: **Sehore**

Location: **Jawar, 72 Kms from Sehore**

Civil work dates (proposed): **Not yet proposed**

Technical Description: Planning and design of Water Supply Scheme for Jawar. The scheme involves construction of intake well , WTP, Laying of RWPM from Intake well to Water Treatment Plant (WTP) having total length of 17000 m, Laying of CWPM of 50 m long and 150 mm diameter and CWFM of 3219 m length and 150 mm dia of DI K-9 pipes from WTP to the OHTs. Construction of 2 nos of Over Head Tanks of size 100 KL each and further distribution to end users by various distribution networks through gravitation.

C. Screening Questions for Involuntary Resettlement Impact

Below is the initial screening for involuntary resettlement impacts and due diligence exercise. Both **permanent and temporary impacts** must be considered and reported in the screening process.

Involuntary Resettlement Impacts	Yes	No	Not known	Reason
Will the project include any physical construction work?	✓			Construction of intake well, WTP, OHTs and laying of transmission mains and distribution network.
Does the proposed activity include upgrading or rehabilitation of existing physical facilities?		✓		
Will there be permanent land acquisition?		✓		Only Revenue Department sites are selected for construction of WTP and OHTs .
Will it require temporary land acquisition?		✓		Temporary site for workers camp and storage of material site will be identified by the contractor in consultation with PIU. Only vacant land will be identified for the purpose. Any such land will be taken on rental basis. No IR impacts are anticipated due to this.

Involuntary Resettlement Impacts	Yes	No	Not known	Reason
Is the ownership status and current usage of the land known?	✓			All sites where facilities are proposed belong to Revenue Department and are vacant.
Are there any non-titled people who live or earn their livelihood at the site or within the corridor of impact (COI) / Right of Way (ROW)?		✓		Land is vacant and unused.
Will there be loss of housing?		✓		
Will there be loss of agricultural plots?		✓		
Will there be losses of crops, trees, and fixed assets (i.e. fences, pumps, etc.)?		✓		
Will there be loss of businesses or enterprises?		✓		
Will there be loss of incomes and livelihoods?		✓		Temporary loss of incomes will be avoided through provisions of access planks by the contractor.
Will people lose access to facilities, services, or natural resources?		✓		Any disruption of public facilities or services will be taken care of during excavation. Grievance redress cell will be formed ward-wise to settle grievances soon.
Will any social or economic activities be affected by land use-related changes?		✓		As distribution line will be proposed within the available road RoWs in the town, no loss of land or losses to crop, tree and fixed assets anticipated.
Will people lose access to natural resources, or common property resources, or communal facilities and/or services?		✓		
If land use is changed will it have an adverse impact on social and economic activities?		✓		

Involuntary Resettlement Impacts	Yes	No	Not known	Reason
Will access to land and resources own communally or by the state be restricted?	✓			
Are any of the affected persons (AP) from indigenous or ethnic minority groups?		✓		

D. Involuntary Resettlement Impact

After reviewing the answers above, Executing Agency/ Safeguard Team confirms that the proposed subsection/ section/ subproject/component (tick as appropriate):

[N] Has involuntary resettlement impact, a resettlement plan (or corrective action plan) is required.

[Y] Has No involuntary resettlement impact, no resettlement plan is required.

Prepared By: Vastushilpi Projects and Consultants Private Limited, Bhopal	Verified By: PMU Safeguard Team under MPUSIP
Signature: Sagar Silhare Name: Position	Signature: Name: Position
Date:	Date:

Appendix 5: Land details of proposed components

Khasra details of Proposed WTP land

मध्य प्रदेश कम्प्यूटरकृत भू-अभिलेख
फार्म पी -II
खसरा

भूमि का ब्यौरा हेक्टेयर में एवं करों का ब्यौरा रूपये पैसों में

ग्राम: जावर	हल्का : 18 जावर	रा.नि.म. : जावर	तहसील : जावर	जिला : सीहोर	वर्ष: 2018-2019							
क्रमांक	क्षेत्रफल (और यदि भूमि खाता में सम्मिलित न हो तो उसका वर्णन)	कच्चेदार का नाम, उसके पिता का या पति का नाम तथा निवास स्थान, अधिकार जिसके अन्तर्गत भूमि धारण की गई हो और देय राजस्व का लगान	किसी भूमिस्वामी या पट्टेदार का या किसी मोरूसी का फलदार के उप पट्टेदार का नाम, पिता का नाम, लगान या पट्टे की रकम और उप पट्टे पर दिए गये भाग का क्षेत्रफल	खाते की भूमि					खाते के बाहर के क्षेत्रों में कोई भी फलदार का नाम तथा क्षेत्रफल	क्षेत्रफल		
				क्षेत्रफल जिसमें वर्ष के दौरान में फसल उगाई गई		पड़ती का क्षेत्रफल						
				फसल का नाम	क्षेत्रफल	दुफसली क्षेत्रफल	चातु वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती अथवा वर्ष से अधिक			
1	2	3		4	5	6	7	8	9	10	11	12
1419/1/1/क	5.5110	(शासकीय)										गौला कृषि उपज मन्त्री रक वा 2.023 हे० म० प्रविधुत 0 म 0 1.619 आवास हेतु सुरक्षित रकवा 2.428 नयपालयभीमा न महोदय प्रक्र 128/121 बी /11-12 के अनुसार एव अप र कले० महोदय प्र०क 105/ अ19/11-12.आदि 17.9.12 1 7.9.12 के अनुसार दर्ज

नोट :-

- यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
- इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
- डिजिटली साइंड कॉपी के लिए आई. टी. सेंटर से अथवा ऑनलाइन आवेदन करें।
- प्रविष्टियों में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।

Note: *Khasra* map is sketch of pocket or location of land on map, land record maintained by the state government, which depicts for each land parcel, the parcel number. The above records depict that the proposed WTP site is owned by government and available area of land is 5.511 ha

Khasra details of OHT1 at Mogiyapura

मध्य प्रदेश कम्प्यूटरीकृत भू-अभिलेख
फार्म पी -II
खसरा

भूमि का ब्योरा हेक्टेयर में एवं करों का ब्योरा रूपये पैसे में

ग्राम: जावर		हल्का : 18 जावर		रा.नि.म. : जावर		तहसील : जावर		जिला : सीहोर		वर्ष: 2018-2019	
क्रमांक	क्षेत्रफल (और यदि भूमि खाली में सम्मिलित न हो तो उसका वर्णन)	कब्जेदार का नाम, उसके पिता का या पति का नाम तथा निवास स्थान, अधिकार जिसके अन्तर्गत भूमि धारण की गई हो और दीय राजस्व का लगान	किसी भूमिस्वामी या पट्टेदार का या किसी मोरूसी काशतकार के उप पट्टेदार का नाम, पिता का नाम, लगान या पट्टे की रकम और उप-पट्टे पर दिए गये भाग का क्षेत्रफल	खाते की भूमि						खाते के बाहर के खेती में बोई गई फसल का नाम तथा क्षेत्रफल	कैफियत
				क्षेत्रफल जिसमें वर्ष के दौरान में फसल उगाई गई			पट्टी का क्षेत्रफल				
				फसल का नाम	क्षेत्रफल	दफ्तरी क्षेत्रफल	बालू वर्ष की पट्टी	2 से 5 वर्ष तक की पट्टी	अन्य पट्टी अर्थात् 5 वर्ष से अधिक		
1	2	3	4	5	6	7	8	9	10	11	12
993	0.7730 पशु विधाम (गुठान) 0.7730	(यासकीय)									

नोट :-

- यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
- इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
- डिजिटली साईड कॉपी के लिए आई. टी. सेंटर से अथवा ऑनलाइन आवेदन करें।
- प्रविष्टियों में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।

Note: *Khasra* map is sketch of pocket or location of land on map, land record maintained by the state government, which depicts for each land parcel, the parcel number.

The above records depict that the proposed OHT 1 site is owned by government and available area of land is 0.773 ha

Khasra details of OHT 2 at Sunarbala Thatha

मध्य प्रदेश कम्प्यूटरीकृत भू-अभिलेख
फार्म पी -II
खसरा

भूमि का ब्योरा हेक्टेयर में एवं करों का ब्योरा रूपये पैसों में

ग्राम: जावर	हल्का : 18 जावर	रा.नि.म. : जावर	तहसील : जावर	जिला : सीहोर	वर्ष: 2018-2019						
क्रमांक	क्षेत्रफल (और यदि भूमि खाली में सम्मिलित न हो तो उसका वर्णन)	कब्जेदार का नाम, उसके पिता का या पति का नाम तथा निवास स्थान, अधिकार जिसके अन्तर्गत भूमि धारण की गई हो और देय राजस्व का संग्रह	किसी भूमिस्वामी या पट्टेदार का या किसी मालिकी कारतदार के उप पट्टेदार का नाम, पिता का नाम, लगान या पट्टे की रकम और उप-पट्टे पर दिए गये भाग का क्षेत्रफल	खाते की भूमि							
				क्षेत्रफल जिसमें वर्ष के दौरान में फसल उगाई गई			पड़ती का क्षेत्रफल			खाते के बाहर के क्षेत्रों में कोई भी फसल का नाम तथा क्षेत्रफल	
				फसल का नाम	क्षेत्रफल	दरफसली क्षेत्रफल	चार वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती अर्थात् 5 वर्ष से अधिक		
1	2	3	4	5	6	7	8	9	10	11	12
515/1	0.7530रास्ता कच्चा 0.7530	(शासकीय)									गोहा

नोट :-

- यह प्रपत्र केवल प्रार्थी की जानकारी के लिये है।
- इसका उपयोग किसी भी न्यायालय में साक्ष्य के रूप में नहीं किया जा सकता है।
- डिजिटली साइंड कॉपी के लिए आई. टी. सेंटर से अथवा ऑनलाइन आवेदन करें।
- प्रविष्टि में सुधार/संशोधन हेतु संबंधित जिला/तहसील कार्यालय में संपर्क करें।

Note: *Khasra* is land record maintained by the state government, which depicts for each land parcel, the parcel number, ownership, area and landuse. The *Khasra*/land record is usually accompanied by a scaled map.

The above records depict that the proposed OHT-2 site is owned by government and available area of land is 0.7530ha

Appendix 6: Land Status Certificate Issued by Chief Municipality Officer (CMO), town Jawar

OFFICE OF THE NAGAR PARISHAD, JAWAR, DISTRICT- SEHORE (M.P.)

S.N./ / 2020

DATE: 4th March 2020

LAND STATUS CERTIFICATE

Status of land for various components under ADB funded water supply scheme of supply scheme town is as under.

S.N.	Water supply Component	Khasra No.	Land status Govt./ULB/ Private Land	Remarks
1	Intake well cum pump house on earthen dam (proposed) across Dudhi river at village Khaniyakhedi		Government Land	Belongs to Water Resource Department (WRD)
2	WTP at Exjestin OHT Campuse Annapurna Nagar under ward number 6.	1419/1/1 Ka	Government Land	Revenue under GOMP
3	OHT 100 KL at at Sunarbala Thatha under ward number 4	515/1	Government Land	Revenue under GOMP
4	OHT 100 KL at Mogiyapura under ward number 9	993	Government land	Revenue under GOMP

Proposed land is belongs to Government of Madhya Pradesh and transfer of this land is under progress.

It is also certified that the proposed land is free from encroachment and encumbrances.

There is no acquisition of private land involved to execute the scheme.

Identified land for proposed components under WSS does not belong to scheduled tribe community or traditionally owned land.


CHIEF MUNICIPAL OFFICER
NAGAR PARISHAD, JAWAR
जवार पारिशद, जवार