

Government, Government of Punjab

Table of Contents

List of Abbreviations.....	3
Executive Summary.....	5
1. INTRODUCTION.....	9
2. LAND ACQUISITION AND RESETTLEMENT IMPACT ASSESSMENT.....	11
3. STAKEHOLDER CONSULTATIONS AND SURVEYS.....	17
4. IMPLEMENTATION ARRANGEMENTS.....	19
5. PROCESS NOTE ON PREPERATION OF ADDENDUM TO RAP.....	23
Annexure 1: Entitlement Matrix for applicable impacts.....	27
Annexure 2: Advertisements Inviting Land owners for Negotiation.....	30
Annexure 3: Plan showing proposed location of WTP at Vallah.....	31
Annexure 4: Minutes of Negotiation with land owners for purchase of 40 ac at Vallah.....	32
Annexure 5: Land Records of proposed WTP site.....	33
Annexure 6: Proposed OHSRs – location, area requirements, ownership and Impacts.....	37
Annexure 7: Record of stakeholder consultations in Amritsar.....	43
Annexure 8: Draft Questionnaire for Socio Economic Survey of Project Affected Persons.....	52
Annexure 9: Terms of Reference for ‘RAP Implementation Consultant’	60
Annexure 10: Socio Economic Analysis.....	63

List of Abbreviations

AMC/MCA	Amritsar Municipal Corporation
BPL	Below Poverty Line
CDC	Compensation Decision Committee
COI	Corridor of Impact
CSOs	Civil Society Organisations
DBOT	Design, Build Operate and Transfer
DEA	Department of Economic Affairs
DLPFC	District Land Price Fixation Committee
DUDA	District Urban Development Agency
DWSS	Department for Water Supply and Sanitation
ESF	Environmental and Social Framework
ESS	Environmental and Social Standards
GoI	Government of India
GoP	Government of Punjab
GRC	Grievances Redress Committee
GRM	Grievances Redress Mechanism
IA	Implementing Agencies
LA	Land Acquisition
LAC/LAO	Land Acquisition Collector/ Office
LARR 2013	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
MC	Municipal Corporation

M&E	Monitoring and Evaluation
MLD	Million Litres per Day
NGOs	Non-Government Organization
OHT/OHSR/ESR	Overhead Tank/ Overhead Service Reservoir/ Elevated Service Reservoir
O&M	Operations and Maintenance
PAH	Project affected household
PAPs/PDP	Project Affected Persons/ Displaced Persons
PIU	Project Implementation Unit
PMIDC	Punjab Municipal Infrastructure Development Company
PMU	Program Management Unit
PPP	Public-private partnership
PwD	People with disability
PWSSB	Punjab Water Supply and Sewerage Board
RAP	Resettlement Action Plan
RoW	Right of Way
RPF	Resettlement Policy Framework
R&R	Resettlement and Rehabilitation
SDM	Sub- Divisional Magistrate
SIA	Social Impact Assessment
SLBs	Service Level Benchmarks
SLLAB	State Level Land Acquisition Board
SOs	Support Organisations
UBDC	Upper Bari Doab Canal

ULBs	Urban Local Bodies
WHHs	Women headed households
WSS	Water supply and sanitation
WTP	Water Treatment plants

Executive Summary

PMSIP seeks to improve access and quality of piped water supply to the residents of the cities of Ludhiana and Amritsar. In addition, the project also aims to strengthen capacities and improve the performance at the city level. The Project Development Objective (PDO) is, *“to strengthen urban water supply system to bridge the gap between demand & supply in the selected cities, Ludhiana & Amritsar.”*

Component 2 of the project has a total budget of USD 256 Million (IBRD’s share - USD 179.2 million and GoP’s share -USD 76.8 million). Component 2 seeks to “Improve Water Supply Infrastructure” in the cities of Amritsar and Ludhiana. USD 106 Million from the total Component 2 budget will be used for improving water supply infrastructure in Amritsar. The budget would be used to:

- finance raw water systems, water
- build a 431 MLD Water Treatment Plant
- create clear water pumping systems,
- lay 119 Km transmission lines across the city
- construct 57 new overhead service reservoirs (OHSRs) and
- repair 50 existing OHSRs.

Investments in these infrastructures will enable the city to shift from contaminated ground water to treated surface water supply.

Raw water drawn from the Upper Bari Doab Canal (UBDC) will be pumped to the WTP for treatment and treated water will be collected in clear water tanks and pumped to local OHSRs through transmission networks. Infrastructure development and maintenance, and water operations will be undertaken through a private operator under a performance-based design-build-operate-transfer (DBOT) contract with a 15 percent deferred payment arrangement.

The policy and legal framework relevant for the addressal of land acquisition and involuntary resettlement risks of the project include:

- The Government of India’s Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (commonly known as the “LARR 2013” and used as such in this document)
- GoP Standing Order No. 28 on Acquisition of Land, 2000
- GoP Gazette Notification No 24/109/2015-LR 1/9877 of August 2016; and
- The World Bank’s Environmental and Social Framework (ESF); specifically, ESS 5

In the event of any conflict or inconsistency between the provisions of LARR Act 2013, state policy and standing orders regarding land acquisition and the provisions of World Bank’s ESF, the provisions of the ESS5 under the World Bank’s ESF 2016 shall prevail.

A project level RPF has been prepared and disclosed. This Resettlement Action Plan (RAP) has been prepared in due compliance with the project RPF. The social impacts of the project around the WTP

site and the 57 new OHSR sites are relatively better known. However, the project impacts along the 119 km long transmission lines to be laid across the city have not been assessed as the final alignment of the transmission lines is to be determined by the DBOT contractor after completing the necessary engineering and design feasibility studies for the same. Consequently, this RAP outlines the mitigation measures for impacts from the WTP and OHSRs and includes a process note that provides a functional approach for preparation and implementation of RAP for the transmission lines that the DBOT Contractor and RAP Consultant must follow to finalise the RAP. The complete RAP (including the addendum for the transmission lines) will be finalised and implemented prior to commencement of works.

AMC is solely responsible for the implementation of the RAP. To do this, AMC will be aided by a robust institutional mechanism comprising the PMU, PMC, DBOT Contractor and RAP implementation consultant. Once approved by the World Bank and the Department of Local Government, Government of Punjab, the RAP will be disclosed to the public by AMC and the World Bank.

37.76 acres land (out of 40 acres) required for construction of the WTP has been purchased by AMC through a voluntary transaction process in compliance with ESS 5. The land, belonging to 7 landowners of a single extended family is located in Vallah village, close to the UBDC. Provisions of the LARR 2013 were not invoked for the acquisition of this land and the sellers were informed about their right to withdraw from negotiations and retain their land if they chose not to sell it. The agricultural labour working on the WTP site who have suffered temporary livelihood losses on account of the sale of the land have ample opportunities to secure similar work in agricultural lands adjoining the WTP site. The Project will assist them in accessing livelihoods and restore their incomes and standards of living to pre-project levels.

The sites for the construction of the 57 new OHSR belong to AMC or Govt of Punjab entities and will be made available to AMC through alienation or through NoC for constructing the OHSR. The NoC process shall be completed prior to finalization of designs. The sites are largely free of encroachments at the time of the preparation of the RAP. However, at the time of finalisation of the RAP, another assessment will be undertaken and, if it is found that the sites have been encroached upon, then the encroachers will be compensated as per the provisions of the RPF.

The 119 Kms of transmission line will be laid along the public road RoW and impacts will be identified during the design phase. These impacts are largely expected to be temporary access restrictions to houses and / or shops during the construction phase, damage to property during construction and temporary economic losses (loss of livelihoods to hawkers mobile vendors, etc.) during construction. The process note to the RAP outlines how the impacts need to be assessed and mitigated in accordance with the provisions of the RPF.

Consultations have been held during Jan-Mar 2020 as part of preparation of E&S instruments. Due to the restrictions triggered by COVID 19, all consultations had to be discontinued in the project areas. Before the COVID 19 induced lockdown, , four rounds of negotiations with the landowners had been held. In their meeting held on 12 March 2020, all the landowners voluntarily agreed to sell their land to the AMC for the construction of the WTP. Stakeholder consultations were held at around 50

proposed OHSR sites and concerns and suggestions of stakeholders recorded.. Consultations were also held with over 100 possible project affected individuals along the *proposed* transmission line network shown in the design documents. Concerns and suggestions from all the stakeholder consultations held so far, and the ones to be held hereafter, will be suitably considered in project design. Further consultations for the Project will be held in compliance with the 'WB Technical note: Public Consultations and Stakeholder Engagement in WB-supported operations when there are constraints on conducting public meetings'¹. Further surveys/ consultations (Census and socio economic surveys) will be held post the lifting of the lockdown.

A project GRM based on the existing GoP GRM mechanism has been proposed.. To ensure that any unresolved issues / complaints related to the project are addressed in a professional and efficient manner, the GRM for the project includes a high powered GRC at state level, headed by Secretary, Local Government and other eminent members.

To ensure that the DBOT contractor addresses the social impacts arising from construction phase of the project, the following conditions are proposed for inclusion in the bid documents : 'Temporary structural impacts along the corridor (ramps/passages/compound walls) shall be repaired/restored by the DBOT contractor, in case damage caused; Alternate passages will be created before the start of works in case passage gets blocked. The works near shops will be carried out on a market closed day; All repair works will be done by the contractor at his own cost and to the owners satisfaction and obtain a certificate from the owner that the damaged part has been rectified to owner's satisfaction.; Where the owner chooses to compensation over restoration by Contractor, Compensation shall be paid, 15 days prior to land handover, stretch-wise as per preapproved project plan. No civil work shall commence prior to sign off on compensation.; The project follows a guiding "Environment and Social Management Framework and Resettlement Policy Framework" prepared for this project. The bidder may access this document from the PMSIP, documents section of website of PMIDC/AMC. The bidder shall inspect the proposed routes to his satisfaction and assess, a) the cost for the line route clearance and b) an estimate for the affected persons compensation along the route according to RAP.'

Any compensation due to affected persons will be determined by the Compensation Decision Committee and cleared by the World Bank. The DBOT contractor is then obligated to ensure that the compensations due to PAPs are paid before commencement of works. For structural damages (if any) during laying of transmission lines. owners of the concerned structures may choose to repair the damages caused on their own or let the contractor repair the damages caused. AMC will reimburse the contractor the actual expenses incurred for implementing the RAP and paying compensation. The Contractor shall restore the RoW upon completion of works in the respective stretches, which will be certified by the PMC of PIU, before release of any payments to the contractor.

Timelines are proposed for the purpose of preparation of addendum to RAP, engaging specialists, setting up of GRM/GRC, completing land transaction and registering the title on AMC and conducting an *in situ* audit for already commenced works, which qualify for Associate facilities with in PMSIP.

¹ Note for use in World Bank Operations, issued in view of the constraints on account of COVID 19.

A budget of INR 50 crores is proposed for implementation of this RAP, out of which about 40 crores will be paid towards land purchase for WTP. The RAP will be disclosed on PMIDC website for comments and suggestions and redisclosed after the revisions are carried out with finalised designs and impacts.

1. INTRODUCTION

1.1 The Punjab Municipal Services Improvement Project (PMSIP)² is part of a series of programmatic interventions to improve urban service delivery, with a focus on water supply, in Amritsar and Ludhiana. Through an investment of 106 Mn USD, Component 2 of the project will be implemented for Amritsar. Details of Component 2 are: IMPROVING WATER SUPPLY INFRASTRUCTURE, which will finance raw water systems, water treatment plants (WTP, 431 MLD), clear water pumping systems, 119 Km transmission lines and 57 new overhead service reservoirs (OHSRs), repairs to 50 existing OHSRs and enable to shift from contaminated ground water to treated surface water supply. Raw water drawn from canal will be pumped to WTP for treatment and treated water will be collected in clear water tanks and pumped to local OHSRs through transmission networks. Infrastructure development and maintenance, and water operations will be undertaken through a private operator under a performance-based design-build-operate-transfer (DBOT) contract with a 15 percent deferred payment arrangement.

1.2 The strategy for improving the water services in Amritsar is to switch to surface water and primarily draw from UBDC canal passing through the City. The raw water drawn from the UBDC will be pumped to Water Treatment plants (WTP) constructed under the project. The treated water will be collected in clear water tanks within WTP premises and supplied through pumping to local service reservoirs connected via newly built bulk transmission network. .

Policy, Legal and Regulatory Framework

1.3 The project is governed by the following policies, legal and regulatory frameworks³:

- World Bank Standard ESS5 on Land Acquisition and Involuntary Resettlement
- Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
- GoP Gazette Notification No 24/109/2015-LR 1/9877 of August 2016
- GoP Standing Order No. 28 on Acquisition of Land, 2000

1.4 To make the state policies consistent with ESS5, the following principles will be adopted during implementation of RAP:

- a) Consistent with the World Bank guidance on Voluntary land transaction, if a site has been identified for negotiated transaction, notification u/s 4 of the Act will not be issued for exercise of state's power under eminent domain to acquire the land being negotiated.
- b) If direct, private land negotiations between the state and seller fails, the seller will retain her/ his choice not to sell the land and the state will have to mandatorily look for alternate land parcels and not exercise its authority to acquire that piece of land under eminent domain.
- c) Negotiation and acquisition for meeting the land requirements under the project will be treated as mutually exclusive approaches and one cannot be substituted by another at any time during the land procurement process.

² PAD, Mar 2020

³ Ref RPF for comprehensive report

- d) The amount paid under voluntary transaction cannot be less than that under LARR 2013 (including compensation, R&R benefits, tax benefits, etc.) and should meet the requirements of compensating those adversely impacted at replacement cost.

1.5 In the event of any conflict or inconsistency between the provisions of LARR Act 2013, State Policy on LA, Standing Order of GoP, RPF, this RAP and the provisions of World Bank's ESF, the provisions of the ESS5 under the World Bank's ESF 2016 shall prevail.

RPF, RAP and Purpose of Process Note for Addendum to RAP

1.6 A project level Resettlement Policy Framework has been prepared and disclosed as specific sites and alignments are in the process of being identified, the overall land-related impacts based on the exact assessment of land requirements under the project and their potential effect on involuntary physical and economic resettlement is still to be determined.

1.7 This Resettlement Action Plan, (including process note for preparation of addendum to RAP) Amritsar is prepared duly complying with the RPF taking into account the land related social impacts, where project interventions and sites/ locations are relatively better known. It is proposed that the implementation of component 2 of the Project, that is, construction of WTP, 57 new OHSRs and laying of 119 km transmission lines connecting the WTP to OHSRs will be taken up in a DBOT model, wherein the DBOT contractor will have the flexibility to design the Transmission line based on a number of factors including the necessity and complexity of shifting underground utilities. Therefore, while the impacts are well known for the WTP, OHSR facilities, the impacts will only be known during the design finalisation for the Transmission line works. The 'Process note for preparation of addendum to RAP provides functional approach for preparation and implementation of RAP for Transmission lines with the support of a 'RAP implementation Consultant' closely working with the DBOT contractor.

1.8 Assessment of impacts, assessment of compensation as per Entitlement matrix⁴, disbursement of compensation and the process of land/RoW handover to the DBOT contractor form core of the functions to be attended to during Transmission line RAP preparation and implementation, for which, this Process Note is prepared. The AMC is solely responsible for the successful implementation of the RAP, aided by a robust institutional mechanism consisting of PMU, PIU, PMC, DBOT Contract, RAP implementation Consultant. The RAP once cleared by the World Bank and approved by the Department of Local Government, Govt of Punjab will be disclosed by AMC and the World Bank.

4 Ref annexure 1

2. LAND ACQUISITION AND RESETTLEMENT IMPACT ASSESSMENT

Assessment of Impacts

2.1 While formulating the Amritsar Water Supply Improvement Project under PMSIP, various efforts have been made to minimize resettlement and land acquisition. During planning and designing, attempt has been made to restrict the construction works within the vacant ULB/Govt/ Revenue lands and RoW of roads. Land to an extent of 37.76 acres land (out of 40 acres) from 7 landowners of a single extended family is being acquired for construction of Water Treatment Plant near Vallah village close to UBDC canal through voluntary market negotiation transaction.

2.2 The impacts are ascertained for each of the construction component of the project based on the proposed site of construction/alignment. Necessity of land acquisition, impacts on public/private properties have been ascertained for two components namely - WTP and 57 proposed OHSRs⁵. For the laying of the transmission lines, requirement of land acquisition (if any), impacts on public/private properties necessity for temporary relocation of roadside kiosks on RoW and disturbance to business will be ascertained by the RAP implementation Consultant after onboarding the DBOT Contractor and finalisation of the transmission line alignment. An addendum to RAP will be prepared as per process note. The details of proposed constructions in Amritsar are provided below and are presented in Figure 2.1

a) WTP - capacity 431 MLD, area required 40 acres, area identified near Vallah village

b) OHSR details

Table 2.1: Amritsar OHSR details

⁵ Structural improvement works will be taken up at the 50 existing OHSRs, where found necessary. No impacts are identified as there is no requirement of additional land.

S No	OHSR details	OHSR Capacity	North Zone		South Zone		Total	
			Total Nos.	Total Capacity	Total Nos.	Total Capacity	Total Nos.	Total Capacity
			Nos.	ML	Nos.	ML	Nos.	ML
1	Existing OHSR	0.45	16	7.2	15	6.8	31	14.0
2	Existing OHSR	0.91	10	9.1	9	8.2	19	17.3
	Subtotal		26	16.3	24	14.9	50	31.2
3	Proposed OHSR	1	8	8.0	10	10.0	18	18.0
4	Proposed OHSR	1.5	6	9.0	11	16.5	17	25.5
5	Proposed OHSR	2	10	20.0	12	24.0	22	44.0
	Subtotal		24	37.0	33	50.5	57	87.5
	Total		50	53.3	57	65.4	107	118.7

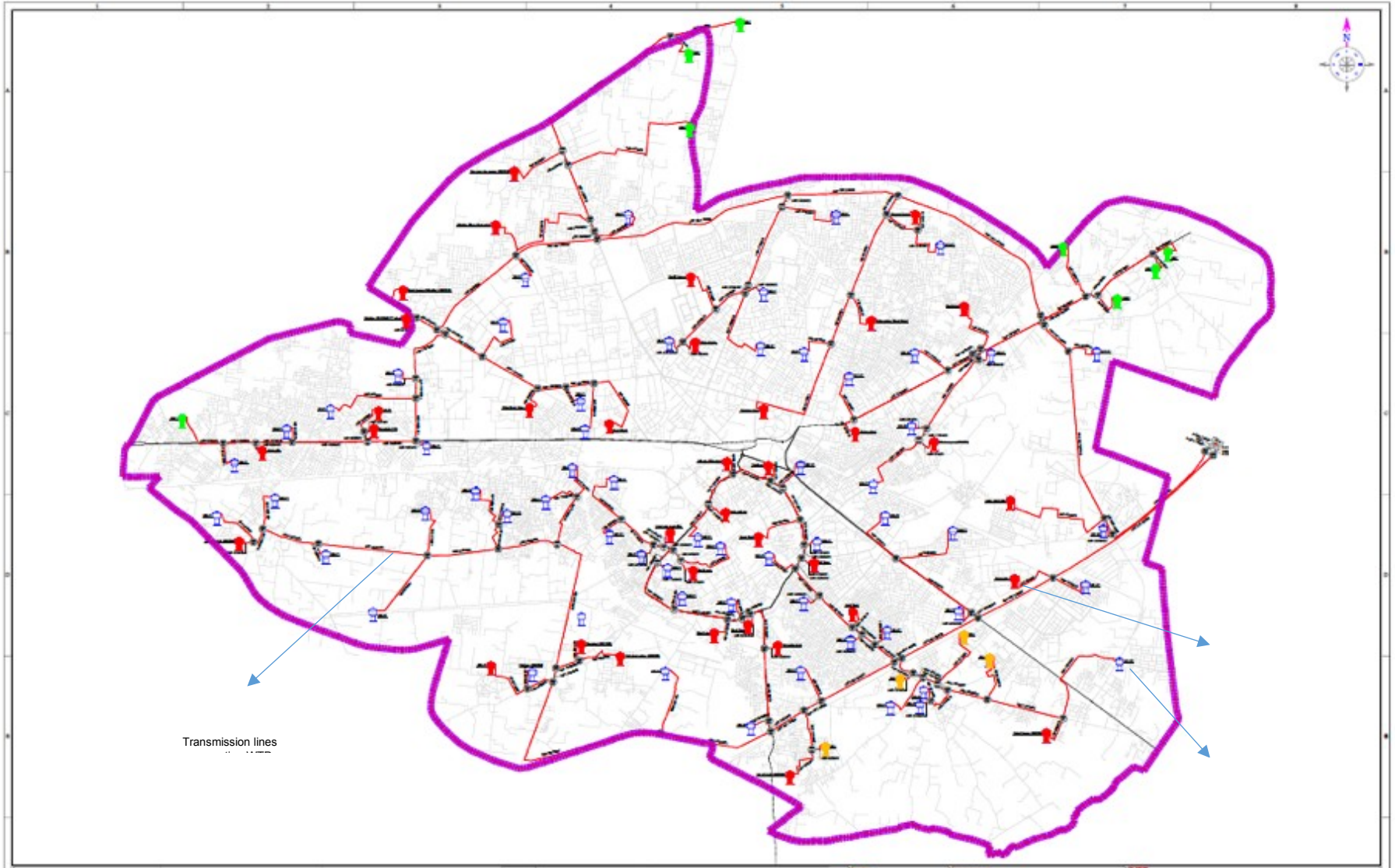


Figure 2.1: Amritsar WTP, OHSR and Transmission Line Network (Interactive digital data available in GIS)

2.3 The land requirements under the project for WTP and OHSR sites and nature and extent of impacts are summarized below

Table 2.1: Land requirements and nature of impacts for WTP and OHSR				
Assets proposed to be created	Land requirement	Availability and nature of ownership	Remarks	Impacts
Raw water Storage cum pre-settling tank in Amritsar-Optional	As per technical assessment no additional land needs to be acquired for the purpose.	To be located within the WTP premises ⁶	It is an optional asset and may be created based on detailed engineering design developed by the Contractor.	NIL
Water Treatment Plant of 431 mld capacity along with treated water collection tanks and pumping stations in Amritsar	Approximately 40 acres of land close to the canal	Site identified for purchase of 37.76 acre parcel from 7 private land owners of one extended family. After 4 rounds of Negotiations with the land owners, the negotiations concluded on 12.03.2020. 2.24 Acres of Govt land is available with AMC already	Site belongs to 7 land owners belonging to the same extended family. None of them reside in the present land and get displaced. As per ESS 5, since this transaction is voluntary, the land owners are not treated as Impacts.	N.A.
57 OHSR/ESRs at different locations in Amritsar city	Requirement of approximately 200-256 square meters of land for construction of OHSR/ESR and accompanying pumping units/instrumentations	Use of available public lands (belonging to Amritsar Municipal Corporation) in different locations across the city, including sites adjacent to existing utilities of AMC/land available with other public agencies like District Urban Development Agency-DUDA, City Development Authorities and	Land will be alienated to AMC or NoC to construct OHSR will be obtained for all OHSR locations by loan effectiveness. As such No provision in Standing Oder No 28 on Land Acquisition on transfer of land within agencies of a department. Several of the existing OHSRs are	PDF=0 PAF=0 Livelihood impacts = 0

6 Water Supply Improvements In Amritsar Municipal Corporation: Final Report Volume – I: A raw water collection cum pre-settling tank is proposed with 2 days storage capacity. Although it is difficult to accommodate the collection tank within the proposed 40acre land, but it is suggested the canal reach upstream of the extraction point also can be utilized for this purpose with proper proactive planning of canal maintenance.

Table 2.1: Land requirements and nature of impacts for WTP and OHSR				
Assets proposed to be created	Land requirement	Availability and nature of ownership	Remarks	Impacts
		land available within existing institutions (Government schools/ hospitals / municipal parks inside residential colonies)	constructed on lands belonging to other govt departments.	

2.4 Newspaper advertisements, inviting interested private owners to sell their land for WTP construction are placed at Annexure 2.

2.5 Plan showing proposed location of the WTP at Vallah is provided at Annexure 3

2.6 Minutes of Negotiation meeting held on 12.03.2020 for purchase of land at Vallah are placed at Annexure 4. The minutes contain the names of the 7 landowners.

2.7 Land records of the agreed to be purchased site for WTP are placed at Annexure 5.

2.8 Location details, land ownership of the sites for 57 OHSRs is placed at Annexure 6.

2.9 Summary of Magnitude of Social Impacts for WTP and OHSRs

Table 2.2: Magnitude Of Impacts For WTP and OHSR			
S. No	Type of facility	Impacts	Remarks
1	WTP	PDF = 0; PAF = 0 Livelihood impacts on Agri labor to be assessed through census survey post COVID and compensated/ assisted in restoring livelihoods as per Entitlement Matrix.	Voluntary land purchase complying with ESS5, no follow on impacts. Availability of abundant agricultural work around the site. No specific livelihood impacts anticipated. Workforce is very scarce in Amritsar and alternative fields for securing work are adjoining the present site.
2	57 OHSRs	None ⁷	Lands are free of any encroachments, (as per site visits and confirmations from 52 sites) and belong to AMC or other govt agencies. Land will be alienated to AMC are NoC obtained from respective agencies prior to loan effectiveness. Consultations with public held in Mar 2020 indicated that design changes may be required to shift OHSRs proposed in park areas.

⁷ Field verification is pending for 10 OHSRs

Consultations/ census survey with Agricultural Labourers could not be completed due to COVID 19 conditions and non availability of alternate modes of contact (cell phone numbers) and will be completed post lifting of lockdown and prior to bids for DBOT contractor.

WTP Land purchase Process complies with ESS Voluntary Market Based Transaction

2.10 AMC has adopted a voluntary willing buyer-willing seller process to procure the land required for setting up the WTP. the price of the land has been determined on prevailing market prices of land in the same locality and voluntarily agreed to by the sellers. The sellers have received the amount negotiated and the process of transfer of land title to AMC is underway. The process for procuring the WTP land is indicated below:

2.11 Advertisement was published in newspapers to invite interested parties having an aggregate land of 40 acres between Tarowalapul and Valah Head Regulator for the construction of WTP. 10 applications from interested parties were received. 9 applications were received for one contiguous piece of land and one for a parcel on the west side of the Canal. After analysis of the documents, it was observed that the land can be categorized into two options. One on eastern and another on the western bank of the Upper Bari Doab Canal (UBDC) near Vallah village. The technical assessment found the situation of WTP on eastern side of the UBDC to be more appropriate for (i) ease of installing pumping and transmission mains towards the city without the necessity of canal crossing; (ii) orientation of site is more convenient for setting out the water treatment and pumping plants and (iii) any future augmentation or laying of additional mains would be relatively easy and less complex compared to situating it on the Western side.

2.12 Proposal was submitted to the Site selection committee headed by Deputy Commissioner. Deputy Commissioner after reviewing the options submitted the proposal to the Administrative department recommending one of the options for approval. Administrative department after reviewing the proposal appointed the Land acquisition officer. Land acquisition officer for Amritsar is SDM - I of Revenue department. Land acquisition officer worked out the market rate of the land as per the process mentioned in Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 considering other multiple factors. After fixing the range of compensation price (price Band) as per the above said method consent of the landowners is proposed to be taken through negotiation.

2.13 Committee was formed for conducting the negotiation meeting. Members of this committee are: Land acquisition collector, Tehsildar, Patwari, Executive Engineer, Representative of AMC, Law Officer, AMC. Four rounds of negotiation meetings were held viz 09/03/2020, 12/03/2020. Final Land price including 100% solatium is negotiated with the owners. The owners were informed of their choice of retaining the land and withdraw from the process of negotiation and are further informed that their land will not be acquired through LARR Act. The Land Owners have agreed to the purchase during the 4th final round of negotiations of 12.03.2020. The owners were asked to reap the Crops before taking possession of land or In case, on the day of taking of possession of site, crop is standing on land, they shall be compensated for standing crop. Land acquisition officer has written a letter to Horticulture department for arriving at Compensation for Standing crop and trees at site for price fixation. Land acquisition officer has written a letter to

B&R dept, PWD department for arriving at Compensation for motor (water) at site.

2.14 As per World Bank Policy (ESS5) land transactions are considered voluntary only when the **seller has the right to refuse the transaction and retain her/ his land**, and the state does not exercise its authority to acquire that piece of land under eminent domain if the negotiations don't lead to a mutually satisfying transaction. Since this transaction fulfilled the process and conditions outlined in ESS5, it is treated as voluntary transaction and the landowners are not considered as impacts. The details of land prices are available in project files.

2.15 Magnitude of Social Impacts for 119 km Transmission line works

Table 2.3: Magnitude of Impacts for 119 Km Transmission Line Works			
Assets proposed to be created	Land requirement	Availability and nature of ownership	Remarks
Transmission Networks/ Alignments from WTP to the OHSR sites across Amritsar city	No additional land requirement for transmission lines. Alignments/ RoW to be along the roads from the WTPs to the OHSR sites spread across the city	Alignments to follow the village roads, state and national highways and municipal roads. Road RoW (govt. land)	Exact transmission alignments to be based on detailed engineering design provided by the DBOT contractor. A detailed addendum to RAP including socio—economic and census survey for major impacts and consultations along alignment route will be carried out to assess nature and scale of impacts. There are likely to be significant, cumulative, city level impacts of transmission works on establishments/ communities /squatters and/or encroachers along alignment routes through temporary or permanent physical and/ or economic displacement. Contractor ESMP to mitigate temporary impacts during construction. Livelihood impacts, once enumerated through census survey, will be dealt in compliance with Entitlement Matrix. An Addendum to RAP will be prepared for Transmission lines before Design is finalised by DBOT contractor.

3. STAKEHOLDER CONSULTATIONS AND SURVEYS

3.1 Stakeholder consultations were held to elicit the views of the stakeholders on the safeguards and strengthen the project design as well as the implementation mechanism. The consultations were held at around 50 OHSR sites in the city and with about 100 possible project affected persons along the transmission lines.

The key objectives are:

- To obtain the views & opinions of the direct & indirect stakeholders for sustainable and effective water supply services in Amritsar
- To find out what will be the impact positive and negative if the implementation of project is done; before construction, during construction and after construction.
- To find out environmental & social risks involved during the process
- To find out the possible solutions from the stakeholders

3.2 Target Stakeholders included - Ward councillors, Mayor; NGOs/ Youth Employment Federation; Resident welfare Associations; Local Community; Local street vendors; Shopkeepers; Senior Citizens

- Vulnerable stakeholders – Single Women, Marginalized sections, BPL families, Physically disabled, persons with chronic diseases etc. are given special focus and attention for inclusion – to access and voice during consultations

3.3 Key issues explored during the consultations included

- Opinion about overhead tank and transmission lines being constructed in your locality
- Consent about the civil construction being undertaken in your vicinity
- Impact on their day to day work routine about digging and construction and Problems foreseen due to such construction activities
- Suggestions and concerns
- Scale of activities including civil work, influx of labour and their activities at the project sites.

3.4 Outcomes of consultations specific to RAP and it's integration into project design

Table 3.1: Outcome of Consultations specific to RAP		
Sl. No.	People's concerns and suggestions	Integration into project design
1	<ul style="list-style-type: none"> • Impacts to business/shops may be avoided • Damage to ramps/passes/compound walls may be repaired or restored 	<ul style="list-style-type: none"> • Work to be taken up during market close day near shops • DBOT contractor shall plan in advance the work programme for each locality, coordinate with the community and plan restoration activities in shortest time possible acceptable to the owner
2	<ul style="list-style-type: none"> • Common properties (parks) 	<ul style="list-style-type: none"> • Alternate site may be identified in case the remainder of the land is not adequate (to be decided in consultation with community) • Design should check if the site at Govt Medical college, nearby to Basant park is suitable as an alternate location; if not available, AMC shall develop an alternate park nearby (for one specific OHSR at medical college)
3	<ul style="list-style-type: none"> • Temporary losses due to shifting of hawker activities 	<ul style="list-style-type: none"> • The construction timing shall be minimised and alternate sites for temporary setting up of hawker activities provided in nearby open spaces.
<p>Summary Suggestions from Vulnerable sections</p> <ul style="list-style-type: none"> • Hiring during construction may be considered • Support may be provided to access applicable govt schemes 		

3.5 Consultations will be held on an ongoing basis during the project duly involving the vulnerable and most needy.

3.6 Record of stakeholder consultation held are presented in Annexure 7

3.7 About 100 one on one consultations with possible impacted persons were held along the transmission lines employing a questionnaire. A brief account of the socio-economic analysis is presented herein, whereas details are furnished in Annexure 10.

Out of a sample size of 102, 52% HH were Hindus while 48% were Sikhs. About 70% of the HH have been living in the same area for over 10 years while about 10% were living for less than 10 years and 20% were living for less than 5 years. About 63% of HH belong to General category, while 15% belong to SC/ST and the remaining 22% belong to others. Fifty six percent of the HH are living as nuclear family while 44% are living as joint families. About 18% of HH indicated that their daily income is upto INR 500, while about 32% indicated that their income is between 500-1000 INR, whereas 50% indicated that their daily income is above INR 1000. Almost 100% of the

sample indicated that they perceive migrant workers as an issue. About 75% indicated that they do not have problem with current water supply and 25% indicated otherwise. About 90% indicated that they do not have chronic health issues within their families while 10% indicated that chronic diseases are prevalent in their families.

3.8 Considering the current challenges posed by the COVID 19 and constraints imposed therein, future consultations will be in compliance with the Technical note issued by the World Bank as well as the local administration directions. Proper consultations, surveys and census will be conducted in future when the overall situation gets normal, but will be completed prior to award of works and compensation and assistance is paid prior to hand over of lands to the contactors. The density of the city is very high and 100% census along the Transmission line is difficult to achieve. Also the project is not directly impacting the stakeholders as the works will be carried out in public RoW. In view of this, random sampling technique will be adopted to conduct socio economic surveys and 100% census surveys will be carried out where the impacts are categorised as minor. Sample questionnaire for conducting socio economic survey for major impacts is placed at Annexure 8.

4. IMPLEMENTATION ARRANGEMENTS

4.1 All land related impacts emerging from the project will be managed by the project implementing agencies, namely, Punjab Municipal Infrastructure Development Company, Amritsar Municipal Corporation with due support from the district administration. The overall institutional structure is presented in RPF, while the Amritsar sub-project specific arrangements are described here.

4.2 The overall institutional structure proposed for the project is as follows:

- Punjab Municipal Infrastructure Development Company (PMIDC) will be responsible for integrating actions under the current program at the state level to support Amritsar Municipal Corporation in implementing WSS reforms.
- City level implementation will be the responsibility of the Amritsar Municipal Corporation with capacities housed in its PIU and eventually the proposed water utilities will take over after they are set up. AMC will be responsible for Operations and Maintenance (O&M) and for meeting the deliverables with support from PMIDC.

4.3 In light of this overall institutional structure planned for the program, the following institutional arrangement is proposed for revisions and implementation of Resettlement Action Plan (RAP) for the city:

- Primary responsibility for revisions and implementation of RAP will be with PMIDC.
- Since the WTP land is procured and no land acquisition is envisaged further, the institutional mechanism is not outlined here. However, in case land acquisition by implementing LARR act is triggered, an addendum to RAP will be prepared describing the institutional implementation arrangements.
- Social Development Specialist located in the city level PIU will be specifically responsible handling of all social, resettlement and land related issue at the city level, with the help of competent CSO/NGO hired for the purpose. The overall coordination and guidance will be provided by the Social Development Specialist in the State level PMU. This will include review and revision of RAP, facilitating and monitoring the SIA including meaningful and informed stakeholder consultations, socio-economic surveys/ census, coordinating/ implementation of RAP, oversee the identification of PAFs/PAPs, including those differentially impacted and estimation of impacts, identification of innovative, promising strategies for restoring livelihoods of the impacted, coordinate the implementation of risk mitigation measures proposed under the RAP, ensure functionality and awareness about the GRM set up for PAPs and mandatory disclosure of RPF/ RAP (including the availability of executive summary in local language) and prepare periodic safeguards reports.
- Project Director through the PMU will be responsible for the entire land procurement process, coordination between different agencies responsible for land transfer to the

department/ project/ municipal corporations and its compliance with World Bank procedures and measures outlined by LARR Act, 2013 and other national/ state regulations.

- RAP Implementation Consultant, as the project is proposed to be implemented through a DBOT approach, the DBOT contractor will have to be onboarded based on concept level designs. While based on the concept designs, the locations of the WTP and OHSRs could be firmed up and impacts identified, the impacts in the Transmission line could only be identified once the design is firmed up by the DBOT contractor based on detailed surveys and assessment of requirement of shifting of utilities. In this scenario, to facilitate revision of RAP with identified impacts and smooth implementation of RAP thereon, whereby the compensation/ entitlements are paid to the impacts directly by the DBOT Contractor and reimbursed by the AMC, a RAP implementation Consultant shall be engaged for a period of 12 months or beyond one month of payment of compensation to final TL stretch and RoW handover.
- To support the implementation of the project, a PMC shall be engaged who will recommend and make available the TL stretch based on verification by RAP implementation Consultant for payment of compensation/benefits by the DBOT Contractor to the impacted person(s), through a Joint inspection. PMC will also ensure that post construction works, the DBOT contractor has restored the RoW in respective stretch as per agreement.
- Civil Society Organizations (CSOs)/ Support Organizations (SOs)/NGOs - will support social mobilization, provide oversight on the process of identification of impacts, ensure identification of vulnerable/ excluded groups and likely project impacts on them, facilitate community consultations as part of RAP preparation, facilitate RAP implementation, stakeholder engagement through the project life cycle and support capacity building on livelihoods, skill development and income restoration and on R&R procedures.

Grievance Redress Mechanism

4.4 In addition to the state level GRM platforms, such as - <http://publicgrievancepb.gov.in/>; <http://pgrslg.punjab.gov.in/pbsnkuser/>; <https://mseva.lgpunjab.gov.in/citizen/add-complaint>, a project specific GRM will also be developed by PMIDC/AMC to invite grievances from citizens and also assist the PAPs in registering and redressing their complaints. All land related grievances will first come to the site office and concerned officials at the ward level will have a timeframe within which to address or escalate the grievance. Un-addressed grievances will then go to the city level PIU or the municipal corporation based on the nature of complaint and which will be redressed within a specific timeframe. All un-resolved complaints, again based on their nature will further escalate to the administrative department or the PMIDC.

4.5 There will be a Grievance Redress Committee (GRC) constituted both at the city level PIU and the state level PMU to look at complaints. The State level GRC, headed by Secretary Local Government will serve as the appeals committee. Apart from the formal GRM, project stakeholders will also have the space available under the national and state level rights-based legislations like the provisions of Right to Information Act 2005 and the Punjab Right to Services Act 2011 to demand accountability or register their grievances.

Monitoring and Evaluation

4.6 The PIU will maintain a city level database of records related to the LA process adopted, complete baseline data, number of consultations organized as part of RPF/RAP preparation/revision, details and minutes of those consultations and their participants, details of PAPs/PAFs, category wise numbers of PAPs based on the nature of impacts, updated status on the process of identification and disbursement of compensations, number of PAPs with LA specific grievances and the status of those grievances. Preparation/revision of RAP and implementation, completion report will also be the responsibility of the PIU for sharing with the World Bank through the State PMU. If required and based on the exact scale of land related impacts, the PMU will also have the leverage to commission an independent assessment of the RAP implementation.

4.7 Key performance indicators related to the status of impact assessment through survey/census, number of consultations held/ number of stakeholders reached out, resettlement measures completed, progress on disbursement of compensation awards, etc, will be included in the projects results framework to facilitate regular tracking of progress related to LA and resettlement.

Budget for Preparation/Revision and Implementation of RAP

4.8 Resettlement budget for the project will include the following items- cost of preparation/revision of RAP including SIA related consultations, surveys and census of impacted PAPs/PAFs, compensation for the procurement of land by whatever means decided- acquisition or private negotiation, compensation for structures, assets impacted including assistance for temporary or permanent economic displacement, cost of commissioning monitoring or support organisations, additional studies for data collection or for evaluation of RAP implementation, need based hiring of consultants/ specialists.

4.9 The estimated RAP implementation budget for the project will be approximately INR 51 crores. Of this, the direct land acquisition cost is around INR 40 crores. Compensation for damages (if any) to structures, assets, R&R, valuation losses is estimated to be approximately INR 10 crores., An additional INR 0.8 crores is provisioned as a contingency fund and will be used towards bearing the cost of hiring consultants and support organisations and to meet costs related RAP implementation studies. As the full scale of impacts is unknown at this stage, this budget will be updated at a later stage once the scale and nature of impacts are known. This estimate is indicative and any additional requirement will be put up in a supplementary note for approval of the Government. All the costs related to implementation of RAP will be borne out of counterpart funds, except costs related to consultancies and civil works, if required will be used from the World Bank loan. All costs to be met out of World Bank loan will be based on World Bank's procurement guidelines and eligible criteria applicable to the project. The source of budget is AMC funds or GOP Government budget. The cost of maintaining GRM is part of GoP's overall budget and hence no separate provision is anticipated. If required, any additional costs for strengthening the GRM will also be met out of the contingency fund provided under the RAP Implementation Budget. As such, except works and services not mentioned above, all costs related to the implementation of the RAP will be borne by GoP. As part of RAP approval by the

Government, the budget should also be approved.

Table 4.1: RAP IMPLEMENTATION BUDGET				
S No	Item	Unit/ impacted	Rate	Cost (INR)
1	Cost of procuring land for WTPs			
a	Amritsar	40	Rs. 1 crore/ acre	40,00,00,000
2	Compensation for structures and Assets	50	50,000	25,00,000
3	R&R measures for vulnerable groups	50	50,000	25,00,000
4	Compensation for temporary economic displacement/alternate livelihood improvement trainings	15,000	5,000	7,50,00,000
5	Asset valuation loss around OHSR sites	50	Rs 1.25 lakhs	62,50,000
6	Compensation for other indirect/ unanticipated impacts/Contingencies	Lumpsum	1,00,00,000	1,00,00,000
7	RAP preparation/ revision	1	30,00,000	30,00,000
8	Studies /NGO/ consultants/RAP monitoring	1	50,00,000	50,00,000
	TOTAL in INR			50,42,50,000
	TOTAL in USD			6.9 Mn

Disclosure

4.10 Once this RAP is cleared by the World Bank and approved by the Implementing Agency (PMIDC/Dept. of Local Govt, Punjab) it will be disclosed by the Borrower on its official website as well as on the municipal corporation along with other safeguard documents for seeking comments and feedback. Executive summary of the approved RAP will be made available in Punjabi on these websites. Once finalized this RAP will be redisclosed on the Borrower and external website of Bank.

4.11 Any changes in project design/ components, changes in the project context will need to be reflected in subsequent revisions to this RAP and re-disclosed by the Borrower.

5. PROCESS NOTE ON PREPERATION OF ADDENDUM TO RAP

5.1. An addendum to the RAP is required as the impacts along the final alignment of the 119 km transmission line has not been assessed so far. The final alignment will be determined by the DBOT contractor after detailed technical feasibility studies and finalisation of engineering designs. This process note – namely, Para 5.4 onwards - will assist the RAP consultants and the contractor to assess the social impacts along the transmission line and residual impacts, if any, at the WTP and OHSR sites. Following the guidance provided in the process note, the RAP will be updated and a separate addendum to the RAP specifically covering impacts along the final alignment of the transmission line will be included. The RAP, including the addendum, will be finalised prior to approval of the DBOT contractor's project design.

5.2 Of the three civil works of component 2 of the project, namely WTP construction, OHSR construction and Transmission line construction – impacts on account of WTP and OHSR have been identified to a large extent and presented in para 2.9. Minor variations are unlikely to lead to significant variations in estimated budgets and timelines, or pose significant threat to vulnerable stakeholders.

5.3 Only the transmission line design finalization based on the design feasibility and necessity of shifting underground utilities will necessitate a revision and updation of the RAP. The impacts are estimated to be temporary in nature. Construction related impacts will be addressed as per contractor ESMP. Livelihood impacts such as loss of income due to temporary shifting of place of business, access to business are expected which will be enumerated through census survey at the time of preparation of addendum to RAP for transmission line impacts.

5.4 A Compensation Decision Committee shall be established to finalise the compensations to the PAPs in RoW, in case the owners do not agree to restoration of structures (passages, ramps, compound walls etc)

5.5 A complete video of the 119 kms RoW shall be taken either by DRONE or Streetview method so that any conflicts on impacts in RoW can be addressed at any time.

5.6 With the above additional measures, the following approach is suggested for addendum to RAP:

- A RAP implementation consultant will be engaged for the project. The ToR for engaging the consultant are placed at Annexure 9, including detailed scope of work.
- The Consultant will closely work with the DBOT contractor during the design phase and finalise the Impacts, prepare and assist in implementation of the RAP throughout the implementation phase and will assist in evaluating the design scenarios iteratively.
- The Consulting Firm shall prepare the final Resettlement Action Plan (RAP) and identify eligible PAPs, prepare an inventory of losses for the 119 km transmission lines across the Amritsar city prior to finalisation of designs

5.7 Salient actions in preparation of addendum of RAP are furnished hereunder:

- While finalising the design alignment, care must be taken to ensure that the alignment is causing least adverse impacts, leading to minimizing PAFs
- Having finalised identification of new impacts, all major impacts shall be census surveyed and a baseline socioeconomic and demographic profile generated.
- Consultations shall be held with prior information, duly including vulnerable sections of the stakeholders
- Reassess the institutional and implementation arrangements and strengthen where necessary
- Prepare a process and put in place a mechanism for coordinating with civil works contractors, supervision consultants, district administration etc
- Include findings from an in-process audit, to be taken up for the commenced works at 'associated facilities' (OHSRs/ Trenching etc, taken up with other funding streams but are part of the Project)
- Revise the budgets
- Include the new outcomes from public consultations
- Rediscover the RAP

5.8 To facilitate the process of selection of DBOT contractor, the following conditions may be inserted in the DBOT contractor bid documents

- Temporary structural impacts along the corridor (ramps/passages/compound walls) shall be repaired/restored by the DBOT contractor, in case damage caused.
- Alternate passages will be created before the start of works in case passage gets blocked. The works near shops will be carried out on a market closed day.
- All repair works will be done by the contractor at his own cost and to the owners satisfaction and obtain a certificate from the owner that the damaged part has been rectified to owner's satisfaction.
- Where the owner chooses to compensation over restoration by Contractor, Compensation shall be paid, 15 days prior to land handover, stretch-wise as per preapproved project plan. No civil work shall commence prior to sign off on compensation.
- The project follows a guiding "Environment and Social Management Framework and Resettlement Policy Framework" prepared for this project. The bidder may access this document from the PMSIP, documents section of website of PMIDC/AMC.
- The bidder shall inspect the proposed routes to his satisfaction and assess
 - a) the cost for the line route clearance and
 - b) an estimate for the affected persons compensation along the route according to RPF.

The Compensation process will be as follows:

- The contractor will pay the compensation as determined by 'Compensation Decision Committee' to the affected persons according to the RAP prepared by the IA and cleared by WB.
- The contractor shall maintain necessary records of the compensation transaction process and will submit to the employer at agreed intervals.

- All compensations must be paid to the affected persons before the work commences in specific section of the Right of Way.
- The employers will pay the contractor the actual expenses incurred for implementing the RAP and paying compensation. In case of any dispute in this regard, the assessment of compensation by the employer or his representative will prevail (as specified in its RAP).
- The Contractor restores the RoW upon completion of works in the respective stretch, which will be certified by the PMC of PIU.

5.9 In view of the forgoing, a timetable for revision of RAP and its implementation is summarised hereunder

Table 5.1: Time table for key activities for RAP implementation/ revision			
No	Key activities	Time Frame	Responsibility
Land Acquisition			
1	Issue of Negotiation notice for WTP land	Completed	SDM-I
2	Conduct negotiations with selected WTP site	Completed	Committee headed by SDM-I
3	Disbursement of Compensation as per MoM of Negotiations	In progress will be completed by April 2020	SDM-I, LAO
4	Registration of WTP Site to AMC	Prior to award of DBOT Contract	AMC, SDM-I
5	Identification remaining OHSR sites	Prior to issue of Bids	AMC
6	Transfer OHSR sites to AMC or obtain NoC from respective Govt agencies	Prior to finalisation of Designs by DBOT contractor	AMC, Land Acquisition Officer, DBOT Contractor
Finalise Design, Identify Impacts, Pay compensation, Handover RoW			
1	Identification of affected houses/assets	With in 3 months of DBOT contractor appointment	Contractor, RAP implementation Consultant (RIC)
2	Constitution of Compensation Decision Committee	By design approval	AMC

3	Finalise compensation and Payment	On going, within 15 days of compensation finalisation by Contractor, Reimbursed by AMC, monthly	Contractor, RIC, AMC
4	Handover of RoW to Contractor	Within 3 days from payment of compensation and recommendation by PMC, Handover through Joint inspection of PMC and Contractor	
5	Restoration of RoW	With in 3 days of work completion in the TL stretch	PMC, Contractor
Other Key actions			
1	Dedicated Land Acquisition/Social Development Officers in place.	By April 30, 2020	AMC/PMIDC
2	Constitution and notification of Grievance Redressal Committee	By April 30, 2020	AMC/PMIDC
3	Appointment of RAP implementation Consultant	By May 15, 2020	AMC/PMIDC
4	Appointment of NGO for stakeholder consultations	By DBOT Bids	WB/AMC/PMIDC
5	Appointment of Concurrent Monitoring Agency	Requirement Decided in Appraisal	WB/AMC/PMIDC
6	Relocation of affected Community assets	If identified, within 3 months	AMC
7	Assessment and preparation of mitigation Plan including Livelihood Restoration plan (for those affected due to WTP land purchase including agri labourers and others based on long term livelihood impacts)	By DBOT Bids	AMC/PMIDC
8	RAP revision and redisclosure	3 months after appointment of DBOT contractor, every month	AMC/PMIDC

		thereafter, incorporating impacts	
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Annexure 1: Entitlement Matrix for applicable impacts⁸

Compensation for Land and Assets attached to the Land: Land acquired through Private Negotiations:

- a. Compensation for land to be acquired in urban and rural area: (market value x 1; 2.5x in urban) plus value of assets attached to land or building) plus (100% solatium) = Land Compensation
- b. Price determined as per mutual consent/ negotiations basis ensures the amount is at replacement cost and not less than the compensation available under LARR 2013.

Sl. No.	Impact	Entitled Unit	Entitlement Details
Loss of Livelihood			
1	Loss of employment in non-agricultural activities or daily agricultural wages or other wage earners	Livelihood loser	<p>Subsistence allowance equivalent to Minimum Wages/Minimum Agricultural Wages⁹ for 3 months</p> <p>Only agricultural labourers who are in fulltime / permanent employment of the land owner, or those affected full time employees of the business, will be eligible for this assistance. <i>Seasonal agricultural labourers will not be entitled for this assistance.</i></p> <p><i>For all other types of livelihood losers connected with the project, assistance to find agricultural work in other location, skills training for availing alternate livelihoods shall be provided</i></p>
2	Temporary loss of business	Business owners	Compensation for temporary loss of income due to loss of access shall be determined as per data on income collected during SIA, and paid commensurate to the period of loss of income
Additional Support to Vulnerable Group			
3	Families within the Corridor of Impact (Col)	Vulnerable affected families	<ol style="list-style-type: none"> i. One-time Resettlement Allowance of Rs. 50,000/- ii. Support for livelihood

⁸ Ref RPF, Mar 2020

⁹ As per rates issued by Department of Labor, Government of project state for different skills and trades

Sl. No.	Impact	Entitled Unit	Entitlement Details
			<p>restoration/enhancement: Counselling, skill development/Training support shall be imparted through by RAP implementing agency, based on needs assessments This assistance includes cost of training and financial assistance for travel/conveyance and food. Project work opportunities too would be explored.</p> <p>iii. Additional Subsistence Grant of Rs. 50,000/- for displaced families belonging to Scheduled Caste and Scheduled Tribe category</p> <p>iv. Displaced vulnerable households will be linked to the government welfare schemes, if found eligible and not having availed the scheme benefit till date.</p>
Temporary Impact During Construction			
4	Land and assets temporarily impacted during construction	Owners of land and assets	<p>Temporary losses incurred during construction will be paid by the contractor as determined below:</p> <p>i. Damaged structure: Compensation will be estimated as per latest Basic Schedule of Rates (BSR) of Public Works Department, without depreciation</p> <p>ii. Crops and Trees: Compensation for crops & tree damages will be estimated as per Section 29(3) of RFCTLARR Act¹⁰.</p> <p>All temporary use of land outside ROW, would be done based on written / prior approval of landowner and contractor and free of encumbrances</p>

Updated Resettlement unit costs

The project has adopted the unit costs for R&R assistance as available in LARR Act, 2013. All these

¹⁰ The collector for the purpose of the assessing the value of the standing crops damaged during the process of land acquisition may use the services of experienced persons in the field of agriculture as may be considered necessary by him.

unit rates have been updated based on the Consumer Price Index for Agricultural labourer's (CPIAL)¹¹ for India during the period between January 2014 to March 2020 and are presented below

Unit rates revised as of December 2019			
No	Entitlement	Unit rates as of January 2014 (in INR)	Revised as of December 2019 (rounded off to nearest INR)
1	Livelihood assistance (Lump sum)	5,00,000	6,70,000
2	Livelihood assistance (Annuity*)	2,000/per month for 12 months x 20 years*	2,000/per month for 12 months x 20 years (to be adjusted every year as per CPIAL index*)
3	One-time assistance for loss of Cattle shed/petty shop	25,000	33250
4	One-time assistance for displaced artisan/small traders/small shops	25,000	33250
5	Cash in lieu of house, if opted (as per indexed and updated figures at time of payment)		0
	Rural	1.3 lakhs	Amounts to be updated as per PMAY guidelines as prevalent at the time of implementation
	Urban	1.5 lakhs	
6	Transportation / Shifting assistance for displaced	50,000	66500
7	Subsistence allowance for displaced @ INR 3000 per month for 1 year	36,000	47880
8	One-time Resettlement Allowance	50,000	66500

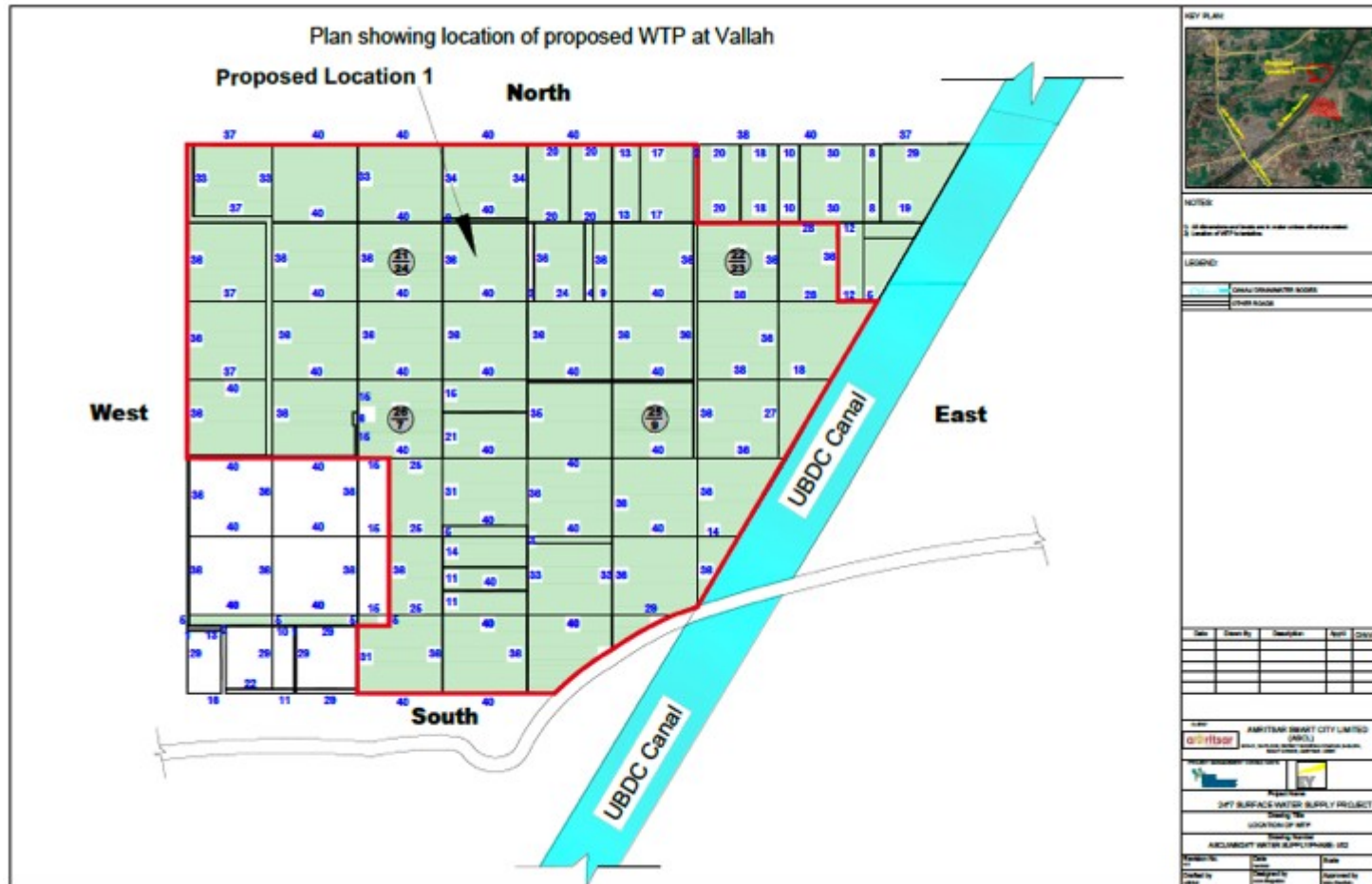
¹¹ January 2014: 757 CPAIL Index e sourced from - source: <https://pib.gov.in/newsite/mbErel.aspx?relid=104657> and December 2019: (source http://labourbureau.gov.in/LBO_indnum.htm) – only available till December 2019

**Payment of Livelihood assistance to eligible PAPs as lumpsum amount is preferred (s.no 1 in table). However, if the livelihood assistance is paid as annuity to eligible PAPs by GoP, annuity payments beyond project period shall be paid by the Implementing agency from government budgets.*

Any other monetary allowance other than those listed above will be indexed to year of payment prior to payment

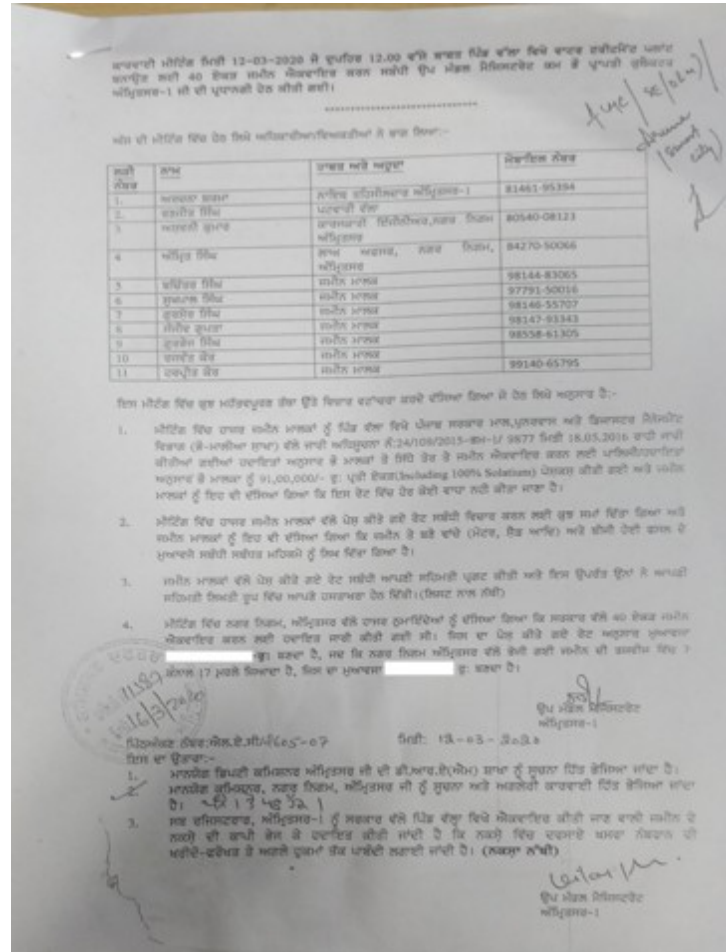
Annexure 3: Plan showing proposed location of WTP at Vallah

Area 40 acres - 37.76 acres private land and 2.24 acres Govt land



Annexure 4: Minutes of Negotiation with land owners for purchase of 40 ac at Vallah

MoM of Successful Negotiation for WTP land, 12.03.2020



Translation (freelance) of MoM in English

Meeting Date 12/03/2020 at 12:00 pm regarding Acquisition of Land at Village Vallah for construction of Water Treatment Plant was conducted under the chairmanship of Land Acquisition Collector - SDM-I

Name	Designation	Phone
Archana sharma	Nayab Tehsildar Amritsar - I	8146195394
Ranjit Singh	Patwari, Vallah	
Ashwini Kumar	Executive Engineer, AMC	8054008123
Amrit Singh	Law officer	8427050066
Bachatar singh	Landowner	9814483065
Sukhpal singh	Landowner	9779150016
Gursher singh	Landowner	9814655707
Sanjeev Gupta	Landowner	9814793343
Gurbhej Singh	Landowner	9855861305
Rajvant Kaur	Landowner	
Harpreet Kaur	Landowner	9914065795

Following are the important points discussed and concluded in the meeting.

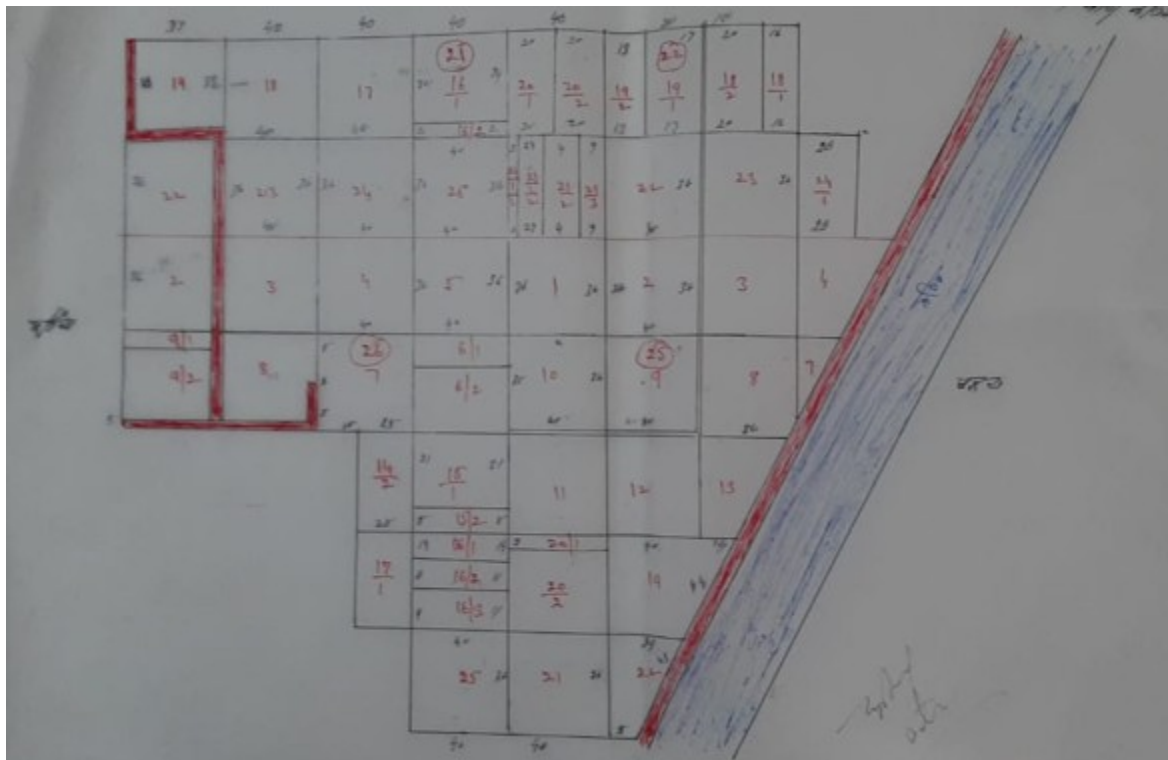
The meeting was attended by land owners of village Vallah, they were informed that the policy of land acquisition policy as per Punjab govt. order no.24/109/2015 dated 18.05.2016 and they were offered Rs. _____/- per acre (including 100% Solatium) and they were also informed that there was no change in the rate of land.

1. Landowners were given the sufficient time related to the rate of land and also informed that the compensation of temporary shed and motor & crops was written to the related department.
2. The rate given by the department was agreed by the land owners and they signed the land acquisition format
3. In the meeting of official's Municipal Corporation Amritsar were informed that the Punjab government ordered to acquired 40 acre land. according to the above rate is amount of compensation Rs. _____/-. However, the proposal given by Municipal Corporation Amritsar is 7 kanal, 17 Marla more than the order of Punjab govt, and _____/- amount.

SDM (Amritsar I)

Copy to: Deputy commissioner, Amritsar DRA(M) for information; Commissioner, AMC for necessary action, Sub Registrar, Amritsar I, for necessary action

Annexure 5: Land Records of proposed WTP site



$\frac{21}{22}$ 7-8
 $\frac{26}{3}$ 1-5
 $\frac{5}{2}$ 5-11
 2 7-8

פתרון לבעיה מס' 103. נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{21}{22}$ ו- $\frac{a}{b} = \frac{26}{3}$
 נפתור את המערכת: $\frac{a}{b} = \frac{21}{22}$ ו- $\frac{a}{b} = \frac{26}{3}$
 $\frac{21}{22} = \frac{26}{3}$ \Rightarrow $21 \cdot 3 = 26 \cdot 22$ \Rightarrow $63 = 572$ (אין פתרון)

$\frac{25}{21}$ 0-7
 $\frac{21}{24}$ 8-0
 $\frac{26}{5}$ 8-0
 $\frac{25}{10}$ 7-16
 $\frac{19}{2}$ 8-2
 $\frac{26}{3}$ 8-0
 4 8-0
 7 8-0
 8 7-2
 $\frac{25}{7}$ 8-0
 2 2-2

מספרים ראשוניים: 103

= 70-19

$\frac{92}{21}$ 1-14
 $\frac{21}{2}$ 7-4
 $\frac{25}{5}$ 7-8
 $\frac{21}{2}$ 16-6

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{21}{22}$ ו- $\frac{a}{b} = \frac{26}{3}$
 $\frac{21}{22} = \frac{26}{3}$ \Rightarrow $21 \cdot 3 = 26 \cdot 22$ \Rightarrow $63 = 572$ (אין פתרון)

116-1

מספרים ראשוניים: 280 35 0
 מספרים ראשוניים: 280 35 0

①

$\frac{22}{11}$ 2-11
 $\frac{20}{21}$ 3-18
 $\frac{21}{25}$ 8-0

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{22}{11}$ ו- $\frac{a}{b} = \frac{20}{21}$
 $\frac{22}{11} = \frac{20}{21}$ \Rightarrow $22 \cdot 21 = 20 \cdot 11$ \Rightarrow $462 = 220$ (אין פתרון)

$\frac{22}{21}$ 1-10
 $\frac{21}{7}$ 0-12

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{22}{21}$ ו- $\frac{a}{b} = \frac{21}{7}$
 $\frac{22}{21} = \frac{21}{7}$ \Rightarrow $22 \cdot 7 = 21 \cdot 21$ \Rightarrow $154 = 441$ (אין פתרון)

$\frac{21}{2}$ 0-16

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{21}{2}$ ו- $\frac{a}{b} = \frac{26}{25}$
 $\frac{21}{2} = \frac{26}{25}$ \Rightarrow $21 \cdot 25 = 26 \cdot 2$ \Rightarrow $525 = 52$ (אין פתרון)

$\frac{25}{8}$ 8-6

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{25}{8}$ ו- $\frac{a}{b} = \frac{26}{25}$
 $\frac{25}{8} = \frac{26}{25}$ \Rightarrow $25 \cdot 25 = 26 \cdot 8$ \Rightarrow $625 = 208$ (אין פתרון)

$\frac{25}{13}$ 1-1
 $\frac{21}{2}$

נמצא את המספרים a ו- b כך ש-
 $\frac{a}{b} = \frac{25}{13}$ ו- $\frac{a}{b} = \frac{21}{2}$
 $\frac{25}{13} = \frac{21}{2}$ \Rightarrow $25 \cdot 2 = 21 \cdot 13$ \Rightarrow $50 = 273$ (אין פתרון)

38-5

$\frac{26}{5} = \frac{26}{5} \cdot \frac{3-1}{3-1} = \frac{26 \cdot 2}{5 \cdot 2} = \frac{52}{10}$
 $\frac{26}{5} = \frac{26}{5} \cdot \frac{11-11}{11-11} = \frac{26 \cdot 0}{5 \cdot 0} = \frac{0}{0}$
 $\frac{23}{4} = \frac{23}{4} \cdot \frac{7-12}{7-12} = \frac{23 \cdot (-5)}{4 \cdot (-5)} = \frac{-115}{-20} = \frac{115}{20}$

$\frac{26}{5} \rightarrow$ 26 dibagi 5 = 5 dengan sisa 1
 Jawaban: $5 \frac{1}{5}$

$\frac{21}{16} \rightarrow$ 21 dibagi 16 = 1 dengan sisa 5
 Jawaban: $1 \frac{5}{16}$

$\frac{22}{10} = \frac{11}{5} = 2 \frac{1}{5}$
 $\frac{22}{10} = 2 \frac{2}{10} = 2 \frac{1}{5}$

$\frac{22}{10} \rightarrow$ 22 dibagi 10 = 2 dengan sisa 2
 Jawaban: $2 \frac{2}{10} = 2 \frac{1}{5}$

$\frac{21}{17} \rightarrow$ 21 dibagi 17 = 1 dengan sisa 4
 Jawaban: $1 \frac{4}{17}$

$\frac{21}{17} \rightarrow$ 21 dibagi 17 = 1 dengan sisa 4
 Jawaban: $1 \frac{4}{17}$

Annexure 6: Proposed OHSRs – location, area requirements, ownership and Impacts

Summary : 57 proposed, exact location identified for 48 OHSRs, location to be finalized for 7 OHSRs, design and location to be finalized for 2 OHSRs

S. NO	Facility with Facility No.	Location (With nearest Land mark)	capacity proposed	Coordinate X	Coordinate Y	Over all extent of the site (sq mt)	Space required for OHSR (sq mt)	Existing structure at site, if any	Land Ownership (Govt/ Private/Others (specify))	R&R Impact
1	W1-P1	PSPCL	1 ML	74.8099	31.6302	1,862	484	0	PSPCL	No Impact; Land will be alienated to AMC
2	W2-P1	Punjab Technical Education Department	1 ML	74.8170	31.6380	1,530	484	0	Government Polytechnic College	No Impact; Land will be alienated to AMC
3	W2-P2	Punjab Technical Education Department	2 ML	74.8170	31.6380	1,530	841	-	Government Polytechnic alienated College	No Impact; Land will be alienated to AMC
4	W3-P1	To be finalised	1 ML							Govt Land / AMC land will be identified
5	W5-P1	PUDA	1 ML	74.8455	31.6735	18,700	484	0	PUDA	No Impact; Land will be alienated to AMC
6	W5-P2	Improvement Trust	2 ML	74.8553	31.6615	10,320	841	0	Improvement Trust	No Impact; Land will be alienated to AMC
7	W6-P1	Improvement Trust	1 ML	74.8611	31.6480	602	484	0	Improvement Trust	No Impact; Land will be alienated to AMC

8	W7-P1	Improvement Trust	2 ML	74.8712	31.6677	28,700	841	0	Improvement Trust	No Impact; Land will be alienated to AMC
9	W8-P1	PUDA	1.5 ML	74.8793	31.6604	3,420	625	0	AMC	No Impact; Land Owned by AMC
10	W9-P1	Department of Medical Education and Research, Punjab	1.5 ML	74.8865	31.6452	990	625	0	Department of Medical Education and Research	No Impact; Land will be alienated to AMC
11	W11_P1	Department of Medical Education and Research, Punjab	2 ML	74.8864	31.6444	1,730	841	1	Department of Medical Education and Research	No Impact; Land will be alienated to AMC
12	W13-P1	State Government	2 ML	74.8897	31.6558	1,120	841	0	State Government	No Impact; Land will be alienated to AMC
13	W14-P1	Punjab Technical Education Department	2 ML	74.8942	31.6691	3,600	841	0	Education department	No Impact; Land will be alienated to AMC
14	W17-P1	State Government/PWD	1 ML	74.9105	31.6495	2,104	484	0	State Government	No Impact; Land will be alienated to AMC
15	W17-P2	AMC	2 ML	74.9331	31.6304	1,293	841	0	AMC	No Impact; Land Owned by AMC
16	W18-P1	PSPCL	2 ML	74.9067	31.6509	862	841	0	PSPCL	No Impact; Land will be alienated to AMC

17	W20-P1	Amritsar Improvement trust	1 ML	74.9022	31.6260	1,040	484	0	AMC	No Impact; Land Owned by AMC
18	W20-P2	Department of Education, Punjab	1.5 ML	74.9015	31.6244	1,960	625	0		Govt Land / AMC land will be identified
19	W26-P1	AMC	1.5 ML	74.8910	31.6206	6,483	625	0	AMC	No Impact; Land Owned by AMC
20	W27-P1	To be finalised	1 ML							Govt Land / AMC land will be identified
21	W28-P1	at the existing OHSR	1.5 ML	74.8896	31.6311	772	625	Existing OHSR (Not to be demolished)	AMC	No Impact; Land Owned by AMC
22	W30-P1	To be finalised	1.5 ML							Govt Land / AMC land will be identified
23	W30-P2	AMC	1 ML	74.9291	31.5994	3,020	484	Existing OHSR (Not to be demolished)	AMC	No Impact; Land Owned by AMC
24	W31-P1	Improvement Trust	1 ML	74.9244	31.6190	1,194	484	0	Improvement Trust	No Impact; Land will be alienated to AMC
25	W31-P2	PUDA	1.5 ML	74.9434	31.6038	1,757	625	Existing OHSR (Not to be	AMC	No Impact; Land Owned by AMC

								demolished)		
26	W32-P1	Irrigation Department	2 ML	74.9015	31.6066	1,999	841	0	Irrigation Department	No Impact; Land will be alienated to AMC
27	W33-P1	To be finalised	2 ML							Govt Land / AMC land will be identified
28	W34-P1	AMC	2 ML	74.8928	31.6174	4,802	841	1 (Old Transformer building to be Demolished)	AMC	No Impact; Land Owned by AMC
29	W35-P1	AMC	1 ML	74.8894	31.6127	1,033	484	0	AMC	No Impact; Land Owned by AMC
30	W37-P1	AMC	2 ML	74.8661	31.6007	1,206	841	0	AMC	No Impact; Land Owned by AMC
31	W38-P1	Irrigation Department	1.5 ML	74.8944	31.6024	882	625	0	Irrigation Department	No Impact; Land will be alienated to AMC
32	W38-P2	Irrigation Department	2 ML	74.8863	31.5975	1,622	841	0	Irrigation Department	No Impact; Land will be alienated to AMC
33	W40-P1	To be finalised	1 ML	74.8861	31.6124	1,196	484	0		Govt Land / AMC land will be identified
34	W41-P1	To be finalised	1.5 ML	74.8844	31.6180			0		Govt Land / AMC land

						845	625			will be identified
35	W42-P1	AMC	1 ML	74.8767	31.6100	1,128	484	0	AMC	No Impact; Land Owned by AMC
36	W43-P1	AMC	1.5 ML	74.8663	31.6120	1,106	625	0	AMC	No Impact; Land Owned by AMC
37	W44-P1	AMC	1.5 ML	74.8626	31.6121	871	625	0	AMC	No Impact; Land Owned by AMC
38	W46-P1	AMC	1 ML	74.8709	31.6099	4,646	484	0	AMC	No Impact; Land Owned by AMC
39	W47-P1	AMC	1 ML	74.8625	31.6159	638	484	0	AMC	No Impact; Land Owned by AMC
40	W50-P1	AMC	1.5 ML	74.8745	31.6559	1,678	625	0	AMC	No Impact; Land Owned by AMC
41	W52-P1	Amritsar Cantt	1 ML	74.8506	31.6413	1,068	484	0	AMC	No Impact; Land Owned by AMC
42	W54-P1	Higher Educational Department Punjab	2 ML	74.8253	31.6298	2,415	841	0		No Impact; Land will be alienated to AMC
43	W54-P2	AMC	2 ML	74.8446	31.6303	10,689	841	0		No Impact; Land will be alienated to AMC
44	W55-P1	AMC	2 ML	74.8268	31.6223			0	AMC	No Impact; Land

						2,171	841			Owned by AMC
45	W56-P1	AMC	2 ML	74.8283	31.6208	1,001	841	0	AMC	No Impact; Land Owned by AMC
46	W57-P1	AMC	1.5 ML	74.8576	31.6178	1,256	625	1	AMC	No Impact; Land Owned by AMC
47	W58-P1	AMC	1.5 ML	74.8612	31.6175	3,827	625	0	AMC	No Impact; Land Owned by AMC
48	W59-P1	AMC	1 ML	74.8381	31.5990	2,667	484	0	AMC	No Impact; Land Owned by AMC
49	W59-P2	To be finalised	2 ML							Govt Land / AMC land will be identified
50	W60-P1	To be finalised	2 ML							Govt Land / AMC land will be identified
51	W61-P1	AMC	2 ML	74.8271	31.6250	1,465	841	0	AMC	No Impact; Land Owned by AMC
52	W62-P1	AMC	2 ML	74.7948	31.6215	1,738	841	Cremation Shed (to be Retained)	AMC	No Impact; Land Owned by AMC
53	W62-P2	AMC	2 ML	74.8210	31.6259	1,148	841	Cremation Shed (to be Retained)	AMC	No Impact; Land Owned by AMC

54	W64-P1	AMC	1 ML	74.8038	31.6284	967	484	0	AMC	No Impact; Land Owned by AMC
55	W65-P1	AMC	1.5 ML	74.7948	31.6215	1,738	625	-	AMC	No Impact; Land Owned by AMC

Annexure 7: Record of stakeholder consultations in Amritsar

List of Stakeholder consultations held at OHSR sites

S.No.	OHSR Proposed	Ward No.	Consultation Dates	Place of the consultations	No. Male/Female
1.	W52-P1	2	02.03.2020	2611, Shimla Market,Putlighar, Amritsar.	34/1
2.	W6-P1	4	27.02.2020	D1, Block –A, Guru AmarDass Avenue, Defence Enclave, Ajnala Road, Amritsar.	24/ 4
3.	W5-P1	5	28.02.2020	256, Near St. John School,Gumtala, Amritsar.	36/4
4.	W7-P1	4	27.02.2020	D1, Block –A, Guru AmarDass Avenue, Defence Enclave, Ajnala Road, Amritsar.	24/ 4
5.	W7-P1	6	03.03.2020	383, Akash Avenue, FGCRoad, Amritsar.	36/2
6.	W50-P1	8	22.02.2020	595, Basant Avenue,Amritsar.	15/0
7.	W8-P1	8	22.02.20	595, Basant Avenue,Amritsar.	15/0
8.	W13-P1	11	29.02.2020	09, Gali Chowdharian,Shamsher Nagar,Khandwala, Chhehratta,Asr.	20/2
9.	W14-P1	12	06.03.2020	39, Green Field, Majitha Road, Amritsar.	23/2
10.	W17-P1	22	29.02.2020	17/B, New Preet Nagar,Near Mata Da Mandir,Amritsar.	31/12
11.	W18-P1	19	29.02.2020	F22/6532, Kotla Basti,Mustafabad, Batala Road,Amritsar.	25/8
12.	W17-P2	24	04.03.2020	155, Abadi Rasoolpura Kaler, 40 khoo, Joura Phatak, Amritsar.	36/16
13.	W20-P1	30	04.03.2020	77, Golden Avenue,Opposite Park, Amritsar.	23/0
14.	W20-P2	30	04.03.2020	77, Golden Avenue,Opposite Park, Amritsar.	23/0
15.	W31-P1	32	21.02.2020	536, Garden Enclave,Amritsar.	30/20
16.	W30-P2	34	28.02.2020	312-J-9/445, Plot Lakha Singh, Sultanwind Pind,Amritsar.	25/0
17.	W32-P1	36	24.02.2020	L-1/521, Gurnam Nagar,Sulatnwind Road, Amritsar.	35/0

18.	W38-P2	39	28.02.2020	322, Gali No.3, Guru Arjan Dev Nagar, Tarn taran Road,Amritsar.	31/0
19.	W42-P1	40	21.02.2020	M-2/1, Near Taj Palace,Tarn Taran Road, Amritsar.	42/10
20.	W35-P1	42	26.02.2020	Pathra wali park,anteryami colony Amritsar	20/5
21.	W54-P2	54	21.02.2020	4122, Cemetary Road, Pipli Sahib Gurudwara, Amritsar.	28/0
22.	W57-P1	57	27.02.2020	Done at the house of Ms. Gurpreet Kaur (Ind) 98559-49773	25/0
23.	W43-P1	66	26.02.2020	4026, Bazar Munshian,Katra Karam Singh, Amritsar.	26/4
24.	W47-P1	67	26.02.2020	S-1/31, Gali Telian Wali,Gate Hakima Wala, Circular Road, Amritsar.	24/2
25.	W44-P1	69	03.03.2020	11-12, Baba Deep Singh Colony, I/S Chattiwind Gate,Amritsar.	16/2
26.	W58-P1	68	26.02.2020	447, Gali No.11, Shaheed Udham Singh Colony, O/S Gate Khajana, Chabal Road, Amritsar.	23/14
27.	W56-P1	75	03.03.2020	32, Albert Road, Majitha House, Amritsar	13/0
28.	W1-P1	79	29.02.2020	02, Gali Duttu Wali,Shamsher Nagar,Khandwala, Amritsar.	30/1
29.	W62-P1	80	02.03.2020	130, Guru Ki Wadali,Amritsar	35/0
30.	W65-P1	80	02.03.2020	130, Guru Ki Wadali,Amritsar	35/0
31.	W64-P1	81	02.03.2020	E-7/4673, Abadi MajidBuilding, Chhehratta,Amritsar.	25/5
32.	W2-P2	1	04.03.2020	56-57, Dashmesh Avenue,Polytechnic College Road,Near GNDU Amritsar	20/8
33.	W2-P1		04.03.2020	56-57, Dashmesh Avenue,Polytechnic College Road,Near GNDU Amritsar	20/8
34.	W54-P2	54	21.02.2020	4122, Cemetary Road, Pipli Sahib Gurudwara, Amritsar.	28/2

35.	W26-P1	46	04.03.2020	53-B, Ajit Nagar, Sultanwind Road, Amritsar. 98720-11711, 97810-11711	23/0
36.	W34-P1	46	04.03.2020	53-B, Ajit Nagar, Sultanwind Road, Amritsar. 98720-11711, 97810-11711	23/0
37.	W59-P1	71	04.03.2020	67/1, M-7, Faqir Singh Colony, Opposite Gate Hakima, Near Power loom Factory, Amritsar.	28/10
38.	W62-P2	78	04.03.2020	D-6/559, Gali Police Chowki Wali, Kot Khalsa, Amritsar.	19/4
39.	W55-P1	78	04.03.2020	D-6/559, Gali Police Chowki Wali, Kot Khalsa, Amritsar.	19/4
40.	W61-P1	78	04.03.2020	D-6/559, Gali Police Chowki Wali, Kot Khalsa, Amritsar.	19/4
41.	W59-P2	71	04.03.2020	67/1, M-7, Faqir Singh Colony, Opposite Gate Hakima, Near Power loom Factory, Amritsar.	28/10
42.	W7-P1	6	03.03.2020	383, Akash Avenue, FGCRoad, Amritsar.	21/2
43.	W9-P1	51	05.03.2020	12, Mall Avenue, Mall Road, Amritsar.	22/0
44.	W11-P1	51	05.03.2020	12, Mall Avenue, Mall Road, Amritsar.	22/0
45.	W54-P1	76	05.03.2020	Kabir Park, Khalsa College	19/0
46.	W46-P1	65	05.03.2020	7493(Old), 2152 (New), Gali NO.2, Gujjarpura, O/s Gilwali Gate, Amritsar.	21/0
47.	W37-P1	65	05.03.2020	7493(Old), 2152 (New), Gali NO.2, Gujjarpura, O/s Gilwali Gate, Amritsar.	
48.	W41-P1	63	05.03.2020	L-12/1284, Bazar No.4, Guru Nanak Pura, Sultanwind Road, Amritsar.	
49.	W40-P1	63	05.03.2020	L-12/1284, Bazar No.4, Guru Nanak Pura, Sultanwind Road, Amritsar	
50.	W60-P1		Yet to be done		
51.	W33-P1				

52.	W30-P1				
53.	W28-P1				
54.	W3-P3				

Representative photographs of consultations (full details available in project files)



Basant Park



Pind Khankot



Ward no 54



Ward No-40



Ward no 36 Gurnam Singh Nagar

Representative record of attendance of stakeholders (full details available in project files)

ATTENDANCE SHEET

Punjab Urban Governance and Water Supply Improvement Project				
Social Consultation				
By AFC India Limited				
Date :- 21-2-2020				
WARD - 40				
Sr. No.	Name	Phone No	Sign.	Remarks
1	Surjit Singh	9463479466	[Signature]	Yes
2	Baldev Singh	9463318485	[Signature]	Yes
3	Rajiv Singh	7780021927	[Signature]	Yes
4	Vishal Singh	7568887478	[Signature]	Yes
5	Vijay Choudhary	9463820430	[Signature]	Yes
6	Gurpreet Singh	6755462270	[Signature]	No
7	Surjit Singh	9877164213	[Signature]	No
8	Surjit Singh	9915047111	[Signature]	No
9	Baldev Singh	9916172645	[Signature]	No
10	Surjit Singh	9837860019	[Signature]	Yes
11	Sandeep Kumar	9872831925	[Signature]	Yes
12	Hemant Singh	9888528701	[Signature]	Yes
13	Rajiv Singh	9815738129	[Signature]	Yes
14	Arun Kumar	9888107070	[Signature]	Yes
15	Dalvir Singh	9872481581	[Signature]	Councillor Ward 40
16	Surjit Singh	9815534437	[Signature]	President Ward 40
17	Jaswinder Singh	9914715787	[Signature]	Ward 40
18	Gurpreet Singh	9814099970	[Signature]	Ward 40
19	Baldev Singh	9876010491	[Signature]	Ward 40
20	Hemant Singh	9815502230	[Signature]	Yes
21	Jaswinder Singh	988007091	[Signature]	Yes
22	Jaswinder Singh	988671961	[Signature]	Yes
23	KAMALJEET S	8559042751	[Signature]	Yes
24	Rajiv Singh	7837802454	[Signature]	Yes
25	Surjit Singh	9815851224	[Signature]	Yes
26	Harjinder Singh	9915047388	[Signature]	Yes
27	Surjit Singh	9803100180	[Signature]	Very good receipt
28	Surjit Singh	9815834639	[Signature]	Very good receipt
29	Behram	977944562	[Signature]	2
30	Anand Kumar	9771966075	[Signature]	0
31	KARAN	674081150	[Signature]	0
32	Gurpreet Singh	7814145125	[Signature]	Yes
33	Jaswinder Singh	9781042953	[Signature]	Yes
34	J.S. Shukla Singh	9888857599	[Signature]	Yes
35	Kachna	9780111052	[Signature]	Yes
36	Pooja	9818828684	[Signature]	Yes
37	Pooja	9888128784	[Signature]	Yes
38	Pooja	7719653391	[Signature]	Yes

**Social Consultation
By AFC India Limited**

Date: 21-2-2020				
WARD 54				
No.	Name	Phone No	Sign.	Remarks
	Harpreet Singh	9803110391		
	Harpreet Singh	8837658245		
	VISHAL SHARMA	9888587578		
	VIKAS Mehra	9878676187		
	JASBIR Singh	9463964279		
	Jagjit Singh	92545-3282291		29/12/2019 m
	Shammi Chandra	9988590158		
	Ashwan K	9878975121		
	Jagjinder Singh	9875976130		
	Richh Shree	797324024		
	Ravi Malhotra	8437162425		
	Rajinder Kumar	8284920658		
	Jasmeet P/S	9855868631		
	Rajinder Kumar	9855750473		
	Jitendra			
	Kamaljit Singh	9888249685	Kamaljit Singh	Thank's
	Rameez Palua	9915867326	Rameez	
	Sachin Bhabhik	9872481181	Sachin	
	Rajeev Gini	8888882021	Rajeev	
	Jappal Kaul	8146111311	Jappal	
	Mehar Kumar	8586022735	Mehar	
	Dhazib Singh	6984969506	Dhazib	
	Sandeep Singh	9780405785	Sandeep	
	ASHISH DIXIT	8299816896	ashish	AFC. consult

ATTENDANCE SHEET

Punjab Urban Governance and Water Supply Improvement Project				
Social Consultation				
By AFC India Limited				
Date :- 21-2-2020		VENUE (WARD 32)		
Sr. No.	Name	Phone No	Sign.	Remarks
	RAJESH MATHANI	9914572679		Councilor Ward No 32
	LUNK SINGH	9892735976		
	Sakpal Singh	739600032		
	ਬੁਲਦ ਸਿੰਘ	9914242424		
	Bulat Singh	8872163542		
	ਬਲ ਸਿੰਘ	9914398508		
	ਰਜਨੀ ਸਿੰਘ	9915068503		
	ਰਜਨੀ ਸਿੰਘ	9978680355		
	Mittal Lal Singh	8528135361		
	ਮਿੱਟਲ ਲਾਲ ਸਿੰਘ	9781951954		
	ਮਿੱਟਲ ਲਾਲ ਸਿੰਘ	9803042731		
	ਕੌਰਮਲ ਸਿੰਘ	9988383617		
	ਪਿੰਡ ਬੰਦ			
	ਕਮਲ ਸਿੰਘ			
	ਨਿਰਮਲ			
	ਗਣੀਤ ਸਿੰਘ			
	ਗਾਮ ਸਿੰਘ			
	ਮੁਖੀ ਸਿੰਘ			

ATTENDANCE SHEET

Punjab Urban Governance and Water Supply Improvement Project				
Social Consultation				
By AFC India Limited				
Date :- 21-2-2020		VENUE (WARD 32)		
Sr. No.	Name	Phone No	Sign.	Remarks
	ਮਲਿਕ ਕੌਰ			
	ਰੋਮਾ			
	ਦਲੀਪ ਕੌਰ			
	ਮਿਰ ਕੌਰ			
	ਮੀਰ ਕੌਰ			
	ਮਿਰ ਕੌਰ			
	ਮਨਦੀਪ ਕੌਰ			
	Jaginder Pal Singh (JE)	98759-75129		
	Rajeev Guri	888882021		
	Manu Kumar	858802578		
	ASHISH DIXIT	8299816896		AFC consultant

P-2

ATTENDENCE SHEET

Punjab Urban Governance and Water Supply Improvement Project				
Social Consultation				
By AFC India Limited				
Date :- 24-2-2020		WARD-NO 36 GUARNAMNAGAR		
Sr. No.	Name	Phone No	Sign.	Remarks
1	Ramandeep Singh	950258994	Rm	
2	Kuldeep Singh	7696460429		
3	Manjit Singh	9855597212	Manjit	
4	Amrinder Singh	9914814851	Am	
5	Talib Singh	9872015210	Talib	
6	Balwinder Singh	9466296522	Balwinder	
7	ISHAC WADHWA	9781625623	ISHAC	
8	Harbans Singh	9814048266	Harbans	
9	Jasbir Singh	7926269632	Jasbir	Councillor
10	Tarunvir Singh	9888489966	Tarunvir	
11	Chandeep Singh	9915599616	Chandeep	
12	विश्वजीतसिंह	9417035326		
13	Tarunvir Singh	9988637371	Tarunvir	
14	Saravjit Singh	9855776706	Saravjit	
15	Amrinder Singh	9872354979	Amrinder	
16	Ajit Singh	9814274633	Ajit	
17	Balwinder Singh		Balwinder	
18	Nirvinder Singh	9815175039	Nirvinder	
19	Rashid Singh	9814022300	Rashid	
20	Tarunvir Singh	9888621841	Tarunvir	
21	HEERA	8427554142	HEERA	
22	Harjot Singh	9988332394	Harjot	
23	Manjit Singh		Manjit	
24	M. Singh	94171-11089	M. Singh	
25	Harjot Singh	9888617511	Harjot	
26	Manjit Singh	9855062101	Manjit	
27	Manjit Singh	9914661271	Manjit	
28	Manjit Singh	~	Manjit	
29	Manjit Singh	~	Manjit	
30	Saravjit Singh	9814507360	Saravjit	

Jasbir Singh
JASBIR SINGH
 Nizampuria
 Ward No. 36, Councillor

Annexure 8: Draft Questionnaire for Socio Economic Survey of Project Affected Persons

Questionnaire No	WTP/OHSR/TLL/TLR – XX-XXXX	Date /Time	
<i>Name of the Investigator</i>		<i>Name of the Supervisor</i>	
A. GENERAL IDENTIFICATION			
<i>Transmission Line Section</i>		<i>Connected OHSR/WTP no.</i>	.
<i>Revenue Village</i>		<i>Hamlet/Settlement/ Location Name:</i>	
<i>Panchayat/Municipality Name</i>		<i>Street Name</i>	
<i>Name of Head of Household</i>		<i>Name of Father/Husband</i>	
<i>Name of Respondent</i>		<i>Relationship of Respondent to HH</i>	
<i>Age of Respondent (as in 2019)</i>		<i>Door No.</i> <i>Contact/mobile no.</i>	
<i>If Tenant, Provide Name and Address of Owner:</i>			
<i>Chainage in KM in 3 decimals</i>		<i>Side(increasing chainage) LHS/RHS</i>	
B. ASSET (IMPACTED) INFORMATION			
2.1 Type of Likely Loss			
1. Land		2. Structure	
2.2 Usage of property			
1. Residential	2. Commercial	3. Res-Cum-Commercial	4. Cultivation
5. Industrial	6. Vacant (Open plot)	7. Govt. Property	
2.3 Ownership			
1. Owner	2. Tenant	3. Encroacher	4. Squatter
5. Others/Specify			
2.4 Extent of Loss			
Land (measurement in meters)			
Length along the road	Breadth Perpendicular to the road	Total Area	Affected Area
			% of loss
Survey No.:			
Structure 1 (measurement in meters)			
Length along the road	Breadth Perpendicular to the road	Total Area	Affected Area
			% of loss
Structure No:		Year of Construction	Number of Storeys
Type of Structure			
Roof:	1. Thatched	2. Tiled	3. Concrete

Wall	1. Thatched/Wood/Tin	2. Mud	3. Brick		
1. Permanent	2. Semi-Permanent	3. Temporary	4. Ramp/stairs	5. Toilet Shed	6. Boundary Wall
Structure 2 , if any impacted (measurement in meters)					
Length along the road	Breadth Perpendicular to the road	Total Area	Affected Area	% of loss	
Structure No:		Year of Construction	Number of Storeys		
Type of Structure					
Roof:	1. Thatched	2. Tiled	3. Concrete		
Wall	1. Thatched/Wood/Tin	2. Mud	3. Brick		
1. Permanent	2. Semi-Permanent	3. Temporary	4. Ramp/Stairs	5. Toilet Shed	6. Boundary Wall
2.5 Is remaining part of structure adequate to continue living					
1. Yes		2. No.			
2.6 In case of loss of land, is remaining part of land viable to continue cultivation/existing use					
1. Yes		2. No			
2.7 If no, do you want to surrender remaining land parcel					
1. Yes		2. No.			
2.8 do you possess the following.					If Yes, specify/provide copy
1. Ration Card /Voter ID Card/Adhar Card*		1. Yes	2. No		
2. Legal Documents for the property		1. Yes	2. No		
3. Bank account		1. Yes	2. No		
2.9 Details of Trees affected (add additional sheets if required)					
S.No	Name of the Tree	Fruit/Timber	Number	Remarks	
1.					
2.					
3.					
4.					
5.					
2.10 Details of Other affected Assets					
S.No	Name of the Asset	Number		Remarks	
1.	Open Well				
2.	Tube Well (Irrigation)				
3.	Hand Pump				
4.	Water Tap				
5.	Water Tank				
6.	Cattle Shed				
7.	Store Room				
8.	Kiosk				
9.	Others				
2.11 Estimated loss of income due to loss of asset (in Rs.):					
2.12 Overall Impact		1. Major		2. Minor	

Major Impact: if loss of land is more than 10% of the productive asset. In case of structure, if the remaining structure is no long viable to do continue living or operate from/do business. **Minor Impact:** If loss of land is less than 10% of the productive asset. In case of structure the remaining structure is viable to continue living or operate from/do business.

3. CULTIVATION /FARMING DETAILS

3.1 Extent of land owned by type

1. Dry (Un-irrigated)/Rain-fed: _____ 2. Wet Irrigated: _____

3.2 Type of Soil. Specify

3.3 Source of Irrigation (if irrigated)

1. Open Well 2. Bore Well 3. Tank 4. River 5. Others

3.4 Crops cultivated

Main

Supplementary

3.5 No. of Agri. Labourers (those who work in field and also live in the same village and not migrant labor):

4. DETAILS OF AFFECTED BUSINESS/ACTIVITY

4.1 If the structure is a commercial structure give details of the business activities carried out?

1. Grocery 2. Medicines 3. Clothing 4. Hotel/Eatery 5. Repair Shop 6. Saloon 7. Petty Shop 8. Others

4.2 How long have you been residing/operating from current location?

1. Less than 5 years 2. Around 5-10 Years 3. Around 10-15 Years 4. More than 15 years

4.3 Number of Employees/Family Workers (excl. owner):

4.4 Provide details of number of persons employed by Owner or Tenant in the affected commercial structure.

S.No	Name	Tenure (In Yrs)	Salary (In Rs.)
1.			
2.			
3.			
4.			

5. DETAILS OF AFFECTED HOUSEHOLD

5.1 Religion of the affected Household

1. Hindu 2. Sikh 3. Christian 4. Muslim 5. Others

5.2 Social Category of the Household

1. General 2. BC 3. SC 4. ST 5. Others

5.3 If Tribal, Specify name of Tribe:

5.4 Vulnerable category of the household

1. SC 2. ST 3. Women Headed HH 4. Physically Handicapped 5. Aged 6. Widow

5.5 Family Particulars/Details

S.No	Name of Family Member	Sex	Age	Marital Status	Education	Occupation		Income	
						Primary	Supplementary	Primary	Supplementary

1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

Note: Insert additional sheets if family members exceeds 10

Marital Status: 1. Married 2. Unmarried 3. Widow 4. Widower 5. Separated 6. Others

Education: 1. Illiterate 2. Literate 3. Primary 4. Middle 5. High School 6. Up to graduate 7. Above Graduate

Occupation: 1. Service 2. Business 3. Agriculture 4. Student 5. Housewife 6. Labour 7. Unemployed 8. professional

Sex: 1. Male 2. Female 3. Transgender

5.6 Are you a member of any social, cultural or political organization? Specify

5.7 Do you or any member of household migrate for work? Give details

6. ACCESS TO HEALTH, ELECTRICITY, FUEL, WATER SUPPLY AND SANITATION

6.1 No. of members affected by any serious disease in last 1 year

6.2 What disease and to whom:

6.3 Where did you get treated:

1. Govt. Hospital	2. Private Clinic	3. Medical Shop	4. Traditional Healing	5. No Treatment
-------------------	-------------------	-----------------	------------------------	-----------------

6.4 Treatment covered by :

1. Govt. Health Insurance	2. Private Health Insurance	3. No coverage
---------------------------	-----------------------------	----------------

6.5 Any member suffering from nutritional deficiency (Specify)

6.6 Heard of (HIV/AIDS)/CORONA

1. Yes	2. No
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6.7 Aware of Prevention Methods

1. Yes	2. No
--------	-------

6.8 Source of Information

1. Print Media	2. Radio	3. TV	4. Govt. Campaign	5. NGO	6. Others
----------------	----------	-------	-------------------	--------	-----------

6.9 Do you have Electricity Connection

1. Yes	2. No
--------	-------

6.10 Fuel for Cooking

1. LPG Gas	2. Gobar Gas	3. Kerosene	4. Firewood	5. Others
------------	--------------	-------------	-------------	-----------

6.11 Do you have Bathroom

1. Yes	2. No
--------	-------

6.12 If Yes, where

1. Within house premises	2. Outside
--------------------------	------------

7. GENDER ASPECTS

7.1 Is female (lady of house) or female child involved in decision

1. Yes	2. No
--------	-------

making			
7.2 Who fetches drinking water, if required		1. Lady of the house	2. Girl Child
			1. Others
7.3 Do they have to cross this road to fetch water		1. Yes	2. No
7.4 Wages payable per day	Male:	Female:	
7.5 If there was any recent delivery in last 1 year, where did delivery take place			
1. Govt. Hospital	2. Private Nursing Home	3. Midwife at Home	4. Village elderly lady
5. Others			
7.6 Does the female have title to property			
Land	1. Yes	2. No	
Structure/House	1. Yes.	2. No	
Others	1. Yes	2. No	
7.7 Roles/Tasks within household and outside (Multiple responses likely)			
1. Cooking / Washing	2. Taking care of elderly and children	3. Teaching children	4. Buy provisions from market
			5. Also Working Outside
			6. Doing part time work from home
			7. Managing Cattle, if any
			8. Others
7.8: Are you member of SHG	YES	Yrs:	NO
If Yes, Name of SHG:			
7.9: Specify activities where your husband supports you			
8. DETAILS OF THE ASSETS OWNED (OTHER THAN THE AFFECTED PROPERTIES)			
S.No	Asset Particulars	Area	Land under cultivation (acres) / Year of Construction
Land (in acres)			
1.	Own agriculture irrigated land		
2.	Own agriculture un-irrigated land		
3.	Own garden/plantation land		
Structure (in sq mts)			
4.	House		
5.	Farm House		
6.	Cattle shed		
7.	Pump house		
8.	Storage/ go down		
9.	Shop/Kiosk		
10.	Open Well		
11.	Bore Well		
12.	Tube well		
13.	Others (_____)		
9. POSSESSION OF OTHER ASSETS			
S.No	Asset Owned	No.	S.No
1.	LPG gas Stove		9.
			Air Purifier
2.	Air Conditioner		10.
			Cell Phone/Fiber/4G (specify)

3.	Television		11.	Bicycle	
4.	Refrigerator		12.	Scooter / motor bike	
5.	Washing Machine		13.	Four wheeler	
6.	Air Cooler		14.	Tractor	
7.	Water Purifier		15.	Livestock (name) _____	
8.	Computer/TAB (specify)		16.	Others _____	

10. INCOME AND EXPENDITURE DETAILS

Income

10.1 Indicate total annual income of the household from all sources (in Rs.)

Expenditure and Consumption (Monthly)

S.No	Item	Amount	S.No	Asset Owned	Amount
1.	Food		7.	Electricity/Water/Utilities	
2.	Cooking fuel		8.	Loan repayments	
3.	Clothing		9.	Social events	
4.	Transport		10.	Agriculture (labour/tools)	
5.	Health/Medicines		11.	Seeds/fertilizers/pesticides	
6.	Education		12.	Others _____	

Total (in Rs).

11. INDEBTEDNESS

11.1 Please indicate your borrowings and loans taken in the last 1 year.

S.No	Source of Loan	Reason	Amount			Asset Pledged (Specify)
			Take n	Returned	Interest Rate	
1.	Bank (specify name)					
2.	Cooperative Society					
3.	Private money lender					
4.	Others (_____)					

12 GOVERNMENT SCHEMES

12.1 Has anybody from the household availed a benefit from a State or a Central Government Scheme?

1. Yes

2. No

12.2 If Yes, is the scheme a state government scheme or a Centrally sponsored Scheme?

Name of Scheme	CSS or State Govt.	Purpose	Amount/Benefit Received	Training

13. PROJECT RELATED INFORMATION

13.1 Access to Drinking Water

1. HSC	2. Municipal Stand Post	3. Public Hand	4. Own Hand Pump/ Borewell	5. Common Well /Lake/	6. Mineral Water	7. Water supply
--------	-------------------------	----------------	----------------------------	-----------------------	------------------	-----------------

		pump	with power pump	pond		Tanker
13.2 Frequency of Water Supply						
1. Once in a day	2. Every alternate day	3. Once in 3 days and above	4. Two times in one day	5. Every alternate day	6. Others	
13.3 Number of Hours of Water Supply in a day						
1. Less than 1 Hour	2. 1 Hour	3. 2 Hours	4. 3 Hours	5. More Than 3 Hours	6. 24/7	
13.4 Supplementary Source to HSC						
1. NO Supplementary source	2. Borewell/ HP	3. Public Hand Pump	4. Water Tanker	5. RO/Mineral Water Delivery	6. Others	
13.5 Storage Facilities						
1. OH Tank	2. Sump	3. Both tank and sump	4. Drums etc	5. Others		
13.6 Extraction of HSC water						
1. Booster Pump	2. Dug Pit	3. Hand Pump connected to HSC				
13.7 Number of HSC Connections						
1. None	2. One	3. Two	4. More than 2 (specify)			
13.8 Reasons for no HSC						
1. No Municipal Supply in the area	2. No pressure	3. Costly	4. Process not known	5. Process is lengthy	6. Others	
13.9 Water sourcing from Public Stand Post - Distance						
1. 50 mts	2. 50-100 mts	3. 100-250 mts	4. 250-500 mts	5. More than 500 mts		
13.10 Water sourcing from Public Stand Post - No. of Family Members						
1. 1 member	2. 2 members	3. 3 members	4. More than 3 members			
13.11 Water sourcing from Public Stand Post -Family Members						
1. Head of HH	2. Spouse	3. Son	4. Daughter	5. DIL	6. Grand Child	
13.12 Water sourcing from Public Stand Post - Time taken						
1. upto half hour	2. upto 1 hour	3. 1-2 hours		4. more than 2 hours		
13.13 Water sourcing from Public Stand Post - Means of Transport of water						
1. Cycle	2. Cart	3. 3 Wheeler	4. NMT - Rickshaw	5. Motor Cycle	6. No vehicle	
13.14 Water Treatment at Household level						
1. No treatment	2. Boiling	3. Filters	4. Electronic purifiers	5. Others (specify)		
13.15 Water Quality						
1. Color	2. Bad taste	3. Hard Water	4. Murky	5. Odour	6. Others (specify)	
13.16 Grievances/ Complaints - submission						
1. AMC	2. Local Corporator	3. Bill Collector	4. Online Portal (Specify)		5. Others (Specify)	
13.17 Type of Grievances/Complaints						
1. Timing of Supply	2. Adequacy of supply	3. Pressure	4. Breakdown/leakage		5. Purity/ Quality	
13.18 Time taken for Grievance redressal						
1. 1 day	2. 3 days	3. 1 Week	4. 1 month		5. Never	

13.19 Water Bill Payment by Household						
1. Yes	2. No	3. Bill is not served				
13.20 Payment of Water Bills						
1. AMC office	2. To Bill collector	3. Online	4. Govt Portal	5. Gpay etc (Specify)		
13.21 Overall satisfaction (1. Satisfied, 2. Moderately Satisfied, 3. Not Satisfied, 4. No View)						
1. Duration of Supply (1/2/3/4)	2. Pressure (1,2,3,4)	3. Timing (1,2,3,4)	4. Quality (1,2,3,4)	5. Grievance Redressal (1,2,3,4)	6. Payment (1,2,3,4)	7. Overall (1,2,3,4)
13.22 Water supply Improvement - Household View						
1. Yes	2. No	3. Does not matter				
13.23 Expected Water Supply duration						
1. 24/7	2. Minimum 3 hours	3. 2 Hours	4. 1 hour	5. Twice daily		
13.24 Household Willingness to Pay for Improved Water Supply						
1. Rs 500	2. Rs 250-500	3. Rs 100-250		4. less than Rs 100		
13.25 Are you aware of the proposed project			1. Yes	2. No		
13.26 If yes what is the source	1. TV	2. Newspaper	3. Govt. officials	4. Community	5. Others	
13.27 Any improvements /additions to amenities in the area (Specify)						
14. RESETTLEMENT PREFERENCES (If land shop, house, land is affected) and requires relocation						
14.1 Relocation Options						
1. Self managed with cash assistance	2. Project constructed house/shop/Ramp	3. Not decided/cannot say at present			4. Others	
14.2 If alternate house/shop constructed by Project, then preferred location						
1. Same Settlement	2. Anywhere	3. Others (specify)				
14.3 Do you want unviable land to be acquired by Project			1. Yes		2. No	
14.4 Do you want unviable structure to be acquired by Project			1. Yes		2. No	
15. REHABILITATION/LIVELIHOOD PREFERENCES						
15.1 Livelihood Options						
1. Continue with same activity (no support required)	2. Continue same activity but with additional support from project e.g. training and/or enrollment in govt. scheme	3. New Activity (Specify)	4. Not decided/ cannot say at present	5. Others		
Signature of Respondent/HH						
Signature of Interviewer						
Signature of Supervisor						

Annexure 9: Terms of Reference for 'RAP Implementation Consultant'

Draft Terms of Reference (TOR) for

Providing Consulting Services for Assessment of Compensation and Implementation of Resettlement

Action Plan (RAP) for Amritsar Water Supply Improvement Project

under Punjab Municipal Services Improvement Project (World Bank funded Project)

1.0 Project Background

<insert project background and brief details here>

2.0 Purpose of the Assignment

The Amritsar Water Supply Improvement Project will follow WB Environmental Social Framework, Govt of India, Govt of Punjab policies coherently to avoid resettlement, and if not possible, minimize resettlement with the motivation to affect less people directly or indirectly, resettlement of required numbers of Project Affected Persons (PAPS), and restore their livelihood at pre-project level. The PAPS also must get equitable compensation package for the acquired lands or their affected assets as per entitlements.

A Resettlement Policy Framework (RPF) has been prepared for the entire project, which governs resettlement issues in all the sub-projects. A guidance note on preparation of Resettlement Action Plan (RAP) for the Amritsar Water Supply Improvement Project has also been prepared and disclosed. The guidance note approach is adopted as the Project will be implemented by a DBOT contractor, wherein subsequent to a conceptual design and firming up of safeguards frameworks, the DBOT contract will finalise the design duly taking in to consideration the outcomes of detailed ground based studies, assess the impacts and compensation, pay the compensation which is reimbursed by the AMC. The DBOT contractor will be allowed to undertake works on a particular stretch only after the compensation is paid and certified.

The Consulting firm appointed through this Quality cum Cost Based Selection process will work closely with the DBOT contractor during the design phase and finalise the Impacts, prepare and assist in implementation of the RAP throughout the implementation phase. As the designs shall be finalized by the DBOT contractor based on optimal scenarios (such as shifting of underground utilities, affected overhead assets), the consulting firm is expected to assist the DBOT contractor in evaluating the scenarios iteratively. The Consulting Firm shall prepare the final Resettlement Action Plans (RAP) and identify eligible PAPS, prepare an inventory of losses for the 119 km transmission lines across the Amritsar city.

3.0 Detailed Tasks and/or Expected Output

In accordance with ESMF, RPF, relevant ESSs, national and local laws and regulations, in particular with ESS5 of the World Bank ESF, the consultant will undertake tasks mainly - conduct the environmental and social screening, identify the impact of project activities, collect and consolidate the field information, prepare all the required social and environmental reports, support contractors to implement those mainly RAP, ESIA, SEP and LMP etc, provide technical oversight on the project activities, provide support in the areas that technical assistance is required by social and environmental specialists of PIU. Overall, the firm is responsible to support contractors to implement the RAP and ESIA and monitor contractor's compliance. The assignment includes the following tasks:

- Review the safeguard documents (RPF, ESMF, RAP, ESIA etc) already prepared. If not, the consulting firm will support contractors in preparing the safeguards documents like RAP, ESIA, C-ESMP etc.
- Provide a table with list of all necessary clearances, permissions and disclosure requirements of the World Bank to the contractor

- Develop methodological framework for this study which include an assessment on the expected positive and negative impacts of the overall environmental and social management in the WTP, OHSR and Transmission line construction
- The firm will assist conducting public consultations, FGDs, individual consultations as per the SEP; Develop study design (methodology and work program) following this TOR and the given timeframe to capture information, analyze data and prepare reports. The consultant will demonstrate the detailed methodology, sampling design, interview schedules, sources of information and reporting schedule in an inception report upon mobilization;
- Prepare the inception report, present the approach and methodology to PIU and the World Bank; and Revise inception report based on the recommendations of PIU and the World Bank.

Detailed Scope of work

- Firm together with DBOT contractor will screen all the project sites including the 40 acres of WTP site, the 57 OHSR sites and the conceptual and final design alignment of the 119 kms Transmission lines of the project and investigate the changes during detailed design
- Based on the estimated impacts and changes of impacts due to design changes necessitated by the DBOT Contractor designs, firm will update the RAP and relevant safeguard documents with the support of contractors
- Upon approval from PMIDC/Govt of Punjab and clearance of World Bank, the Consulting firm will support contractor to implement the RAP and ESIA
- The Consulting firm will prepare list of PAPs and issue ID cards for ensuring benefits, including livelihood improvement programmes are provided and accessed by the impacted persons.
- The Consulting firm shall determine the replacement costs of all categories of losses; and prepare a Resettlement Action Plan (RAP) for payment of compensation for losses along the 119 km length of transmission lines and any new impacts identified in proposed OHSR locations. The firm will assist PIU to form Grievance Redress Committees (GRCs) and Compensation Determination Committees (CDCs).
- The Firm will serve as the coordinating and convening agency for the compensation determination committee consisting of AMC, revenue dept, officials from Local Govt department. The committee will co-opt a representative from Contractor and a representative from respective local resident welfare association/cummunity. The Consulting Firm will also recommend the most feasible process of payment of compensation to the affected party(s) for consideration by the Committee.
- Assists to disburse Transmission Lines ROW compensation money to the PAP's as a party of Compensation Determination Committee (CDC) and provide technical advice to GRC. The Consulting firm will formulate agreement between land/structure/asset owners and AMC/PMIDC.
- Once the Compensation is cleared and approved by the committee, the DBOT contractor will make the payment and obtain consent/agreement from the affected party. The Consulting firm will verify the payment process for its compliance with the RPF in particular an with Bank policies in general and recommend to PMC of PIU for handing over of the asset/stretch to the DBOT contractor for undertaking works, through a joint inspection. Therefore the role of the Consulting Firm is crucial in implementing the RAP and pave way for smooth implementation of the project in Amritsar City.
- Firm will also monitor the contractor's activities during the implementation stage and provide quarterly progress report and monitoring report to PIU
- Firm will provide relevant training to the contractors for the smooth implementation of the RAP and ESIA.
- The consulting firm shall arrange, conduct and disclose project information's through public consultations
- Provide training to contractors on applicable Environmental Social Standards, working conditions

of the labors and labor influx, GBV/SEA and SH

Deliverables

The Consulting Firm will deliver the following documents:

01. Draft inventory of all permanent and temporary assets and income losses along the Row of the 119 Km transmission line, 57 OHSR sites and 40 acres WTP site in Amritsar and estimation of compensation of all losses following the project's ESMF, RPF and the local and national laws and policies within three (3) months of the Contract signing date. The report shall contain socioeconomic and demographic information of the affected households, list of affected households with address, category & quantity of loss, etc.
02. Final inventory of loss and estimated compensation report to be submitted within 10 days after obtaining comments from the PIU
03. A detailed manual on process of payment of compensation by the contractor and 3rd party monitoring mechanisms to be conducted by the consultant. (to be Submitted within one (1) month of the draft inventory report submission).
04. Stakeholders/focus group meetings reports shall be submitted in two months after signing of Contract. The report shall contain list of participants along with venue, date, time, topics of discussion and outline of the meeting. The report shall summarize the outcome of discussions relevant to the project and inputs to project design/implementation from consultations.
05. The Consulting firm shall carry out a video of the entire RoW of the TL, locations of OHSR and WTP within 3 weeks of signing of contract. The Video may be captured using DRONE/ Street view or any other state-of-the-art methods, which can be readily used for assessments, review of impacts. The video shall support the GRC/conflict resolution purposes as well. The video filming will cover all structures within the right of way/selected area and will be edited as per instruction of the PMU.
06. All Database and outputs shall be delivered to the PMU in digital, customized environment.
07. Final report on the activities performed as per TOR shall be submitted to the PMU incorporating comments of AMC/PMIDC and World Bank, if any, within 10 days of completion of assignment.

4.0 Staff requirements

The Consulting Firm is free to determine the number of members working in the team. A bar chart shall indicate the proposed timing of their input.

For conducting survey, data generation, overall supervision and coordination a set of staff members such as Team Leader, Social Sector Specialist, Field Coordinator (s), MIS Specialist, Resettlement Worker (s), Data Entry Operator, etc. are to be deployed.

5.0 Required qualification and experience of the key personnel

<insert detailed Job descriptions of the proposed key staff here>

6.0 Duration of Engagement

The duration of the consultancy is 12 months from the signing of the contract or one month from the date completion of payment of compensations and handing over of total RoW to the DBOT contractor.

7.0 Payment Terms

<insert detailed payment terms including performance guarantee, LD and other penalties>

8.0 Process of Selection of Consulting firm

<insert detailed selection process including the qualification and other essential criteria>

Annexure 10: Socio Economic Analysis

About 100 one on one consultations were held with the households and other affected individuals along the transmission line. The outcomes are tabulated below

S. No	Parameter	Analysis Details												
1.	Religion	<table border="1"> <thead> <tr> <th>Religion</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Hindu</td> <td>54</td> </tr> <tr> <td>Sikh</td> <td>48</td> </tr> <tr> <td>Grand Total</td> <td>102</td> </tr> </tbody> </table>	Religion	Count	Hindu	54	Sikh	48	Grand Total	102				
Religion	Count													
Hindu	54													
Sikh	48													
Grand Total	102													
2	Total years of living in the area	<table border="1"> <thead> <tr> <th>Total Years of living in this area</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>less than 5</td> <td>19</td> </tr> <tr> <td>5 to 10</td> <td>12</td> </tr> <tr> <td>Above 10</td> <td>71</td> </tr> <tr> <td>Total</td> <td>102</td> </tr> </tbody> </table>	Total Years of living in this area	Count	less than 5	19	5 to 10	12	Above 10	71	Total	102		
Total Years of living in this area	Count													
less than 5	19													
5 to 10	12													
Above 10	71													
Total	102													
3	Average daily income in INR	<table border="1"> <thead> <tr> <th>Average Income</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Upto 500</td> <td>18</td> </tr> <tr> <td>500-1000</td> <td>33</td> </tr> <tr> <td>Above 1000</td> <td>44</td> </tr> <tr> <td>No Data</td> <td>7</td> </tr> <tr> <td>Total</td> <td>102</td> </tr> </tbody> </table>	Average Income	Count	Upto 500	18	500-1000	33	Above 1000	44	No Data	7	Total	102
Average Income	Count													
Upto 500	18													
500-1000	33													
Above 1000	44													
No Data	7													
Total	102													
4	Average family income per month in INR	<table border="1"> <thead> <tr> <th>Family Income</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Below 1lakh</td> <td>3</td> </tr> <tr> <td>1lakh to 3 Lakh</td> <td>24</td> </tr> <tr> <td>3lakh to 5 lkah</td> <td>20</td> </tr> <tr> <td>5lakh to 10 lakh</td> <td>41</td> </tr> <tr> <td>Above 10 Lakh</td> <td>5</td> </tr> </tbody> </table>	Family Income	Count	Below 1lakh	3	1lakh to 3 Lakh	24	3lakh to 5 lkah	20	5lakh to 10 lakh	41	Above 10 Lakh	5
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