

HP-SHIVA PRF: Updated Procurement Plan

A. Basic Data

Basic Data		
Project Name:Himachal Pradesh Subtropical Horticulture, Irrigation and Value Addition Readiness Project		
Project Number:53189-001	Approval Number:6036	
Country: India	Executing Agency: Department of Horticulture (DoH)	
Project Procurement Classification: N/A	Implementing Agency: Department of Irrigation and Public Health (DIPH) and Department of Horticulture (DoH)	
Procurement Risk: Medium		
Project Financing Amount: \$ 12.5 Million ADB Financing: ▪ Loan \$ 10.00 Million Non-ADB Financing: ▪ Government: \$ 2.5Million	Project Closing Date:31/12/2022	
Date of First Procurement Plan 27/05/2020	Date of this Procurement Plan: 30-04-2022	
Procurement Plan Duration: 24 months	Advance contracting: Yes	e-Procurement:Yes

B. Methods, Review and Procurement Plan

Except as the Asian Development Bank (ADB) may otherwise agree, the following methods shall apply to procurement of goods, works, non-consulting services, and consulting services.

Procurement of Goods, Works and Nonconsulting Services	
Method	Comments
Open Competitive Bidding with national advertising for works	Local contractors are experienced, and the local market is competitive. DOH and DIPH to procure OCB works using e-Procurement system. The e-Procurement system only allows the bidding procedure of 1S2E as per the state procurement guidelines. The first draft English version of the procurement documents should be submitted for ADB review and approval regardless of the estimated contract amount. ADB-approved documents to be used as a model for subsequent OCB with national advertising for works with post review.
Request for quotations (RFQ) for goods and non-consulting services	Plant materials and equipment, agriculture input, furniture, office and agriculture testing equipment are readily available in local market. The first draft English version of the procurement documents should be submitted for ADB review and approval regardless of the estimated contract amount. ADB-approved documents to be used as a model for subsequent RFQ for goods and non-consulting services.
Direct Contracting	Under special circumstances that are detailed in the <i>Procurement Regulations for ADB Borrowers</i> , direct contracting may be considered. Proposal for direct contracting needs ADB approval with sufficient justification. ¹

¹Procurement Regulations for ADB Borrowers: Goods, Works, Nonconsulting and Consulting Services is accessible at: <https://www.adb.org/sites/default/files/procurement-regulations-adb-borrowers.pdf>

Consulting Services	
Method	Comments
OCB - National advertisement, Quality and Cost Based Selection (QCBS)	To be used for National/International and for Firm/Individual Consultants. Evaluation methodology – Quality:Cost Ratio 90:10 DOH and DIPH will recruit all consultants.
Consultant's Qualifications based Selection (CQS)	DOH will recruit as proposed in the Procurement Plan
Individual Consultant Selection (ICS)	DOH and DIPH will recruit all consultants.
Least-cost Selection (LCS)	Well-established practices and standards exist for auditing and construction supervision.
Single source selection (SSS)	Under special circumstances that are detailed in the <i>Procurement Regulations for ADB Borrowers</i> , single source selection or direct contracting may be considered. Proposal for single source selection needs ADB approval with sufficient justification.

C. Lists of Active Procurement Packages (Contracts) (1USD=75.826 rupee)

The following table lists goods, works, nonconsulting, and consulting services contracts for which the procurement activity is either ongoing or is in advanced planning staging and expected to commence soon

Goods, Works, and Non-Consulting Services							
Package Number	General Description	Estimated Value (\$)	Procurement Method	Review	Bidding Procedure	Advertisement Date (Quarter, year)	Comments
G5 (A)	Balance Equipment and Materials , PMU Field Equipment	14,505 (as per balance estimate for entire package)	RFQ-National	Prior	RFQ	Q1 2022	Bids received on 6 April 2022. Evaluation in progress. This includes only the balance equipment which could not be procured in the earlier tendering process due to no bids being received for some equipment. Items included in this revised tender are (i) 10 units of Desktop – All in One (ii) 4 units of Printer/Scanner/Copier – Colour
G5 (B)	Office Furniture	1,97,821	RFQ-National	Prior	RFQ	Q2 2022	Requirements identified and RFQ document has been finalized for submission to ADB for review.
G7	IEC Materials (Information, Education and Communication)	30,000	RFQ National (proposed)	Post	RFQ National	Q1 2022	IEC material like publicity material, literature, pamphlets, advertisement etc. Specific Procurement needs and quantities will be finalized through discussions after the IEC Firm has mobilized on the job.

ADB = Asian Development Bank, CHDMA = Community horticulture production and marketing association, CMS = Consultant Management Service, CS = consulting services, DIPH = Department of Irrigation and Public health, DOH = Department of Horticulture, OCB = open competitive bidding, PMU = Project Management Unit, Q = quarter, QCBS = Quality and Cost Based Selection, RFQ = request for quotation

Consulting Services							
Package Number	General Description	Estimated Value (\$)	Selection Method	Review	Type of Proposal	Advertisement Date (Quarter, year)	Comments
CS2	Procurement Specialists for DIPH (2 Nos) and DoH (2 Nos)	96,000	ICS	Post	Eol/CV	Q2 2022	ToRs sent to ADB
CS2	Social Safeguards and Gender (Replacement candidate)	30,000	ICS	Post	Eol/CV	Q2 2022	Revised ToR is under finalization
CS5	DOH / DIPH capacity building	105,000	SSS Proposed (subject to ADB approval of procurement method)	Prior		Q2 2022	<p>USD 75,000 for overseas exposure visit in the horticulturally advanced countries – ADB member countries.(subject to ADB approval)</p> <p>It is proposed that this overseas exposure visit (for around 5 to 8 officials - from DoH/DIPH) be organized through a government accredited but independent agency with experience in conducting and arranging similar activities for governmental departments and governmental institutions. Since the nature of the scope of services to be provided (i.e. organizing and coordinating the overseas exposure visit program at reputed technical institutions) is quite specific and unique in nature, this activity cannot be subject to any competitive bidding procedure and SSS through a government accredited external agency with specific experience in this type of activity is the most appropriate option.</p> <p>USD 30,000 for farmer capacity building support my PMU/PIU (DOH) for field demonstration, on site trainings, farmers hand holding etc.</p>
CS6	Various government studies	93,000 (depending upon needs)	ICS	Prior			3 Studies identified (1) Carbon Footprint and carbon credits in fruit crops (1 specialist

							– national) (2) Studies on Nematode, fruit flies, and other major pests & diseases in subtropical fruit crops (2 specialists, 1 for Nematode and insects, and 1 for diseases, both national) (3) Climate change impact on subtropical horticulture.(1 specialist – national) ToR's to be prepared
CS12	Design and Development of HPSHIVA MIS/GIS Website and Integration with eUdyan Website	200,000	SSS	Prior	STP	Q1 2022	Technical and Financial Evaluation Report sent to ADB
CS13	IEC Design and Development (Information, Education & Communications)	100,000	CQS	Prior	EOI	Q2 2022	TOR sent to ADB Development and designing of IEC interventions like slogans, jingles, pamphlets, leaflets, advertisement for audio visual aids, farmers production knowledge material, cooperative business development support etc.

BTP = Biodata technical proposal, CHDMA = Community horticulture production and marketing association, CQS = Selection based on Consultant's Qualification, DIPH = Department of Irrigation and Public Health, DOH = Department of Horticulture, EOI = expression of interest, HP-SHIVA = Himachal Pradesh Sub-tropical Horticulture, Irrigation and Value Addition Project, ICS = individual consultant selection, PMU = project management unit, Q = quarter, QCBS = quality- and cost-based selection; RFQ = request for quotation, SSS = single source selection, STP = simplified technical proposal.

D. Lists of Awarded and On-going, and Completed Contracts

The following table lists the awarded and on-going contracts, and completed contracts contracts for goods, works, nonconsulting, and consulting services.

1. Awarded and On-going Contracts

Goods, Works, and Non-Consulting Services								
Package Number	General Description	Estimated Value	Awarded Contract Value (\$)	Awarded Contract Value (INR)	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval Contract Award ²	Comments ³

²ADB NOL date

³Contractor's name

CW1	Irrigation Scheme Mandi - Intake Works, Pump House, Pumping Machinery, Collection Tank, Sump Well, Main Delivery Tank, HDPE Distribution System, Supply of Power (Including Solar Power), Metering System	800,000	726,920	5,51,19,419 5,39,17,397 awarded + 12,02,022 Variation	OCB-National	Q4 2020	13-Nov-20	M/S Unipro Techno Infrastructure Pvt. Ltd Expected date of completion 31.3. 2022
CW2	Irrigation Scheme Hamirpur - Approach Path, Duckbill Headweir, Main Storage Tank, Sump well, Main Delivery Tank, Office for WUA, Rising Main, Pumping Machinery, HDPE Distribution System, Supply of Power	230,000	172,713	1,30,96,137 Awarded 1,49,92,839 -18,96,702 negative variation	OCB-National	Q4 2020	13-Nov-20	M/s Dogra Construction Company Expected date of completion 31.3. 2022
CW3	Irrigation Scheme Bilaspur - Intake Works, Headweir, Sedimentation Tank, Reinforcement Cement Concrete Box Chamber, Office for WUA, Pump House, Pumping Machinery, Main Storage Tank, Sump Well, Main Delivery Tank, HDPE Distribution System, Providing & Fixing Automatic Rope Pulley arrangement	500,000	547,508	4,15,15,338 3,58,42,086 awarded + 56,73,252 Variation	OCB-National	Q4 2020	13-Nov-20	M/s Punjab Irrigation and Farms Solutions Dakha Expected date of completion 31.3. 2022

	with water sensor, Clariflocculator, Reinforcement Cement Concrete Dyke							
CW4	Irrigation Scheme Kangra - Approach Path, Storage Tank, Desilting Tank, Sedimentation Tank, Main Delivery Tank, Reinforcement Cement Concrete Main Channel, Road Crossing, HDPE Distribution System, Supply of Power (Including Solar Power, Rising Main, Pumping Machinery	670,000	598,774	4,54,02,607 4,36,56,814 awarded + 17,45,793 Variation	OCB-National	Q4 2020	2-Dec-20	M/s Punjab Irrigation and Farms Solutions Expected date of completion 31.3. 2022
CW6	Water storage tanks and drip irrigation systems Lot 1- Modular Water Storage Tanks Lot 2 – Drip Irrigation System	690,000	549,457 307,689 241,768	4,16,66,841 2,33,30,822 2,20,20,102 awarded + 13,10,720 Variation 1,83,37,019 1,55,29,543 awarded + 28,07,476 Variation	OCB-National	Q1 2021	7-Dec-20 7-Dec-20	M/s GVM Engineers, M/s Pal Engineering Joint Venture M/s Harvel Agua India Pvt. Ltd. Expected date of completion 31.3. 2022
G6	Hiring of Vehicles- Sedan (qty=1) and seven-seater four-wheel drive vehicle (qty=11)	190,000 (Original in PP) + 150,000 (Current project estimated cost)	235,190	1,78,33,556 26,04,558 12,54,000 +	RFQ for Services	Q1 2021	2.3.2021	For one year duration upto April 2022 (extendable upto one more year till A) Chaman Lal

				13,50,558 (for another one year including price escalation)					KishoriLal
				1,02,64,525					
				2,646,239 + 13,30,140 (variation) + 62,88,146 (for another one year including price escalation)					Ajay Parmar
				49,64,473					
				20,44,980 + 1,60,020 (variation) + 22,49,478 + 5,28,066 (expected for another one year including price escalation)					

Consulting Services								
Package Number	General Description	Estimated Value (\$)	Awarded Contract Value (\$ equivalent)	Awarded Contract Value (INR)	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS1	Construction Supervision –National	150,000	118,574	89,91,000	LCS			Awarded by DIPH to MSV International
CS2	PMU consultants (7 positions) – National, individual	800,000	649,857	4,92,76,388				
			79,518	60,29,558 (24 months)	ICS			Suresh Bhoj (FMS)
			104,354	79,12,800 (24 months)	ICS			SushilKumar (CAD)
			163,178	123,73,200 (24 months)	ICS			Jamil Ahmad (GIS)
			77,476	58,74,750 (14 months)	ICS			Deb Majumdar (PMS)
			52,675 + 38,302	39,94,200 (12 months) + 29,04,300	ICS			Satyaveer Singh (M&E)
			104,354		ICS			Rita Dey (SS)
			30,000		ICS			ShailenderMamg

			27,730	(variation) 79,12,800 (24 months) 22,74,780 (6 months) 21,02,628	ICS			ain (ESS) Sanyog Misra (IEC)
CS3	Horticulture sector strategy and investment plan 2023-2030 preparation – International and National	380,000	371,598	2,81,76,040	QCBS			Awarded by DoH to Ernst & Young LLP
CS4	Packages of Practice (PoPs) development and testing	80,000	87,731	66,52,304	SSS			Awarded by DoHto YSP UHF
CS7	WUA facilitation - National (PRF + 40% areas of the ensuing loan) (PRF including each facilitator at the district level)	800,000	581,076	4,40,60,692	QCBS			Awarded by DIPH to Academy of Management Studies
CS8	CHPMA facilitation – marketing and production-group and horticulture commodity cluster development and marketing/PoP training – National (PRF + 40% areas of the ensuing loan)	840,000	740,695	5,61,63,994	QCBS			Awarded by DoHto AFC India Ltd
CS9	HP-SHIVA (ensuing loan) preparation	1,528,277	1,528,277	11,58,83,151	QCBS		21.10.2021	Awarded by DOH to JV of GT Bharat LLP and Tata Consulting

	for DOH and DIPH							Engineers
CS10	Internal Auditing- National	20,000	14,426	10,93,860	LCS		17.11.202 1	Awarded by DOH to GSA& Chandra Gupta Associates JV
CS11	WUA Expert	20,000	18,084	13,71,237	ICS			Awarded to Bart Teeuen by DIPH (15,950 Euros)

2. Completed Contracts

Goods and Works												
Package Number	General Description	Estimated Value (\$)	Awarded Contract Value (\$ equivalent)	Awarded Contract Value (INR)	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Date of Completion	Comments			
G1	Horticulture Planting Materials – Guava, Litchi, Pomegranate, Citrus	350,000	336,260	2,54,97,276	RFQ-National	Q2 2020						
	Lot 1 - Citrus (Blood Red)		3,297	250,000						7-Aug-20	18-Aug-20	M/s A One Nursery, Abohar, Punjab
	Lot 2- Citrus (Valencia)		50,367	38,19,137						7-Aug-20	10-Aug-20	M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 3 Pomegranate (Bhagwa)		10,089	7,65,000						7-Aug-20	10-Aug-20	M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 4 - Guava		94,954	72,00,000						7-Aug-20	11-Aug-20	M/S Atul Nursery 10-Aug-20
	Lot 5- Guava		38,472	29,17,200						7-Aug-20		M/s Azad Hind, Lucknow
	Lot 6- Citrus (Westin)		21,295	16,14,700						7-Aug-20		M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 7- Citrus (Pera)		33,373	25,30,500						7-Aug-20		M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 8- Citrus (Natal)		14,303	10,84,500						2-Sep-20		M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 9- Citrus (Jaffa)		3,989	3,02,500						2-Sep-20	5-Oct-20	M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 10- Citrus (Blood Red)		35,728	27,09,125						2-Sep-20	25-Sep-20	Department of Hort. Hoshiapur, Punjab
Lot 11-	10,884	770,500 + 54,755	2-Sep-20	4-Sep-20	M/s A One Nursery, Abohar, Punjab							
	10,161	770,550	2-Sep-20		Regional Horticulture							
	1,677	1,27,143										
	7,869	5,96,716										

	Litchi (Dehradun)						2-Sep-20	31-Oct-20	Research and Training Station, Kangra, HP
	Lot 12- Litchi (Calcuttia)						2-Sep-20		Regional Horticulture Research and Training Station, Kangra, HP
	Lot 13 Pomegranate (Bhagwa)								M/s Jain Irrigation Ltd., Jalgaon, MH
	Lot 14 Citrus (Hamlin)								
G2	Computing Software	35,000	34,959	26,50,792	Direct Contracting with developers or their authorized representative	Q4 2021	9.11.2021		ESRI India through Authorised Dealer Kaizen Technologies Autodesk India through Authorized Dealer Trisita Engineering
G3	Horticulture input - fertilizer, fungicides, biopesticides, other chemicals	280,000	211,317	1,60,23,305	RFQ-National	Q3 2020			
			98,470	74,66,550			15-Sep-20		Anirudha Enterprises
	Lot 1 - Farmyard Manure		29,589	22,43,584			24-Nov-20		CM Seeds
	Lot 3- Water Soluble Phosphorus		37,784	28,65,029			24-Nov-20		CM Seeds
	Lot 4 - Water Soluble Potassium		2,816	2,13,520			24-Nov-20		KarnatkaAgro
	Lot 5 – Micronutrients		7,398	5,60,900			24-Nov-20		Soni Enterprise
	Lot 6- Copper Oxichloride		35,262	26,73,720			3-June-21		TR Solvent Oils
	Lot 7 – Neem powder						4-Aug-2021		

G4	Farm equipment	85,000	65,562	49,71,338	RFQ-National	Q3 2020			
			19,485	14,77,498			21-Oct-20		Rohini Enterprises
	Lot 1- Knapsack Sprayer		5,066	3,84,159			21-Oct-20		Rohini Enterprises
	Lot 5- Pruning Secateurs		2,806	2,12,760			21-Oct-20		Rohini Enterprises
	Lot 9 - Spade		1,949	1,47,750			21-Oct-20		Rohini Enterprises
			7,122	5,40,022			21-Oct-20		Rohini Enterprises
	Lot 10 - Garden Rake		17,069	12,94,290			21-Oct-21		Sahib D Enterprises
	Power Weeder		12,065	9,14,868					
	Lot 11- Vermicom post bed / vermibed						22-Jan-21		Krishma Seeds
	Lot 12- HDPE Drum						22-Jan-21		SS Storage
G4A	Farm equipment (additional quantities)	26,600	26,600	20,16,959	Direct (for additional quantities)				
		8,869	8,869	6,72,498					Rohini Enterprises
Lot 1A- Knapsack Sprayer		2,306	2,306	1,74,850					Rohini Enterprises
Lot 5A- Pruning Secateurs		1,277	1,277	96,840					Rohini Enterprises
Lot 9A - Spade		887	887	67,250					Rohini Enterprises
		7,769	7,769	5,89,110					Rohini Enterprises
Lot 10 A- Garden Rake		5,492	5,492	4,16,412					Krishma Seeds
Lot 11A- Vermicom post bed / vermibed									SS Storage
Lot 12A- HDPE Drum									
G5	PMU IT and Field Equipmen	325,000 (as per original	112,644 85,013	85,41,392 64,46,222	RFQ	Q4 2021			HTIS

	t	estimate for entire package)	22,736	17,23,970					Telecom Himtech Image Solutions Godrej & Boyce
CW7	Field Preparation including layout planning, land levelling, pit digging, plastic mulch application	650,000	698,810	5,29,09,086 4,84,03,824 awarded+ 45,05,262 ad- measurement variation	OCB-National	Q3 2020	2-Sep-20		Randeep Chauhan 21-Sep-20
CW8	Animal proof fencing and installation	700,000	695,952 (658,142 awarded + 37,810 variation)	5,27,71,200 4,99,04,250 awarded+ 28,66,950 Variation	OCB-National	Q3 2020	24-Aug-20		M/s Sai Steel Co. & Consultant-M/s DD Corporation JV 18-Sep-20

Consulting Services								
Package Number	General Description	Estimated Value (\$)	Awarded Contract Value (\$ equivalent)	Awarded Contract Value (INR)	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments

E. Non-ADB Financing

The following table lists goods, works, nonconsulting, and consulting services contracts over the life of the project, financed by non-ADB sources.

Goods, Works, and Non-Consulting and Consulting Services					
General Description	Estimated Value (\$)	Estimated Value (INR)	Estimated Number of Contracts	Procurement Method	Comments
Statutory Auditing (till year ended 31 March 2021)	6,700	500,000	1	LCS as per Govt of HP procedure	Financial evaluation under process