

Simplified Approval Process

Annex 8: Procurement plan



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I. General

1. SAP074, Yemen Climate Water Information Management & Early Warning Systems (CWIMEWS)
2. Version of the Plan: Version 1.0 dated 9 September 2026
3. Procurement Plan clearance date (to be indicated by GCF): Pending GCF clearance
4. Period covered by this procurement plan: The initial procurement plan covers the first 18 months after FP approval. Activities scheduled beyond Month 18 are included on an indicative basis for advance planning only and shall be confirmed through subsequent procurement-plan updates. The plan shall be reviewed at least annually and whenever material changes occur. Procurement will follow applicable UNDP policies and procedures and agreed donor arrangements.

The procurement activities will be conducted in accordance with applicable UNDP procurement policies and procedures under the agreed Alternative Procurement Arrangements and relevant donor agreements.

II. Procurement Methods and Prior Review Thresholds

	Procurement Method ¹	Procurement category	Financial threshold applicable ²	Prior Review Threshold (applicable if the Executing Entity is not the AE) ³	Remarks
1.	Micro-purchasing Process (MPC) /RFQ / ITB: direct contracting only under an approved exception	Non-consultancy services	MPC: below USD 15,000; RFQ: USD 15,000 to below USD 300,000; ITB or RFP: USD 300,000 and above	N/A, where UNDP is both AE and procuring entity; donor clearance as agreed	MPC and RFQ: Limited international or national. ITB: Open International
2.	RFP; direct contracting only under an approved exception	Consultancy services (firms)	Low Value RFP: below USD 300,000; High Value RFP: USD 300,000 and above	N/A, where UNDP is both AE and procuring entity; donor clearance as agreed	Low Value RFP: Limited international or national; High Value RFP: Open International
3.	Competitive Individual Contract process; direct contracting only under an approved exception	Individual consultants	Direct Contracting: below USD 15,000; Desk Review with min. 3 qualified candidates: USD 15,000 to USD 150,000; Open Advertisement: above USD 150,000	N/A, where UNDP is both AE and procuring entity; donor clearance as agreed	N/A
4.	Micro-purchasing Process (MPC)/RFQ / ITB;; direct contracting only under an approved exception	Goods	MPC: below USD 15,000; RFQ: USD 15,000 to below USD 300,000; ITB or RFP: USD 300,000 and above	N/A, where UNDP is both AE and procuring entity; donor clearance as agreed	MPC and RFQ: Limited international or national; ITB: Open International.
5.	Micro-purchasing Process (MPC)/RFQ / ITB; direct contracting only under an approved exception	Works	MPC for simple works: below USD 15,000; RFQ: USD 15,000 to below USD 300,000; ITB: USD 300,000 and above	N/A, where UNDP is both AE and procuring entity; donor clearance as agreed	MPC and RFQ: Limited international or national ITB: Open International.

1. As per applicable procurement policy of the Accredited Entity.
2. Financial threshold for which the indicated procurement method should be used.
3. Financial threshold above which the Accredited Entity will review and provide clearance prior procurement process is initiated (not applicable if AE is the executing entity).

Alternative Procurement Arrangements (APA): Under the agreed arrangements, UNDP will apply its own procurement policies and procedures and remain responsible for procurement planning, solicitation, evaluation, award, contract management, record retention and fiduciary assurance. Procurement shall uphold fairness, integrity, transparency, effective competition, best value for money and the best interests of UNDP. Any exception to competitive procurement, including direct contracting, must be justified, approved by the authorized procurement authority and documented before commitment. World Bank and GCF oversight or clearance shall apply only as provided in the relevant financing agreements and the approved procurement plan.

Alternative Procurement Arrangements (APA) is a World Bank-approved procurement approach that allows a qualified international organization, such as UNDP, to use its own procurement rules and procedures instead of the World Bank’s Procurement Regulations when implementing a project. This approach is used in certain situations such as Yemen where the Bank can’t implement the project directly and implementing agency “UNDP” has demonstrated procurement systems that are consistent with the World Bank’s core procurement principles of economy, efficiency, transparency, fairness, integrity, and value for money can work in Yemen.

In our proposed project, APA is considered the most suitable arrangement because UNDP will act as the grant recipient and implementing agency in a fragile and conflict-affected environment where government implementation capacity is constrained. Under the APA, UNDP remains fully responsible and accountable for procurement, while the World Bank maintains oversight through approval of procurement plans, regular procurement reporting, implementation support missions, third-party monitoring, and fiduciary reviews. This arrangement enables faster and more effective project implementation while maintaining appropriate accountability and fiduciary assurance.

The use of Alternative Procurement Arrangements (APAs) was approved by the World Bank Executive Directors in July 2015, as part of the new Procurement Policy. The APA and other new procurement operational rules came into effect on July 1, 2016.

III. Procurement activities

1	2	3	4	5	6	7	8	9	10	11	12	13
Item No.	Description of works, goods, non-consultancy and consultancy services to be procured	Required Delivery / Commencement of Services time (weeks/ months after FP approval)	Procuring entity	Estimated cost (USD)	Procurement approach	Solicitation and award method	Prequalificati on (Yes/No)	Review by AE / GCF (Prior or Post)	Tender issuing (e.g. weeks/months from the FP approval, etc)	Bid submission deadline (days/weeks after tender issuing day)	Evaluation and contract signing time (days/weeks after bid submission deadline)	Remarks
Non-consulting services												
1	Community-Based Early Action Planning, Preparedness, and Risk Communication Services (Component 2, Sub-component 2.3): Community mobilization and participatory engagement in over 30 high-risk communities across all nine priority basins, including multi-hazard risk mapping, co-design and validation of Community-Based Early Action Plans (EAPs), evacuation route planning, establishment or strengthening of community warning committees, GBV risk assessments, and integration of gender-responsive approaches throughout the planning process. Services also include the design and facilitation of multi-hazard community preparedness drills, development and dissemination of multilingual and gender-responsive risk communication materials (including posters, audio, and video content in local Arabic dialects), and implementation of sustained community awareness campaigns on early warning and anticipatory action during Years 2–4. A minimum of 40 percent female participation shall be ensured across all community consultations, training activities, and preparedness events.	Month 18 after FP approval	UNDP	300,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 14	4 weeks	5 weeks	Engage local NGOs and women's associations with established access to target communities. Conflict-sensitive and survivor-centered approach mandatory. GBV referral protocols to be embedded in all EAPs. Can be awarded to consortia of local organizations. Maps to Annex 3 budget line 2.3.3.
Total:				300,000								
Consultancy services (companies)												
1	National Data Inventory, Digitization, and Historical Records Recovery (Component 1, Sub-component 1.1): Comprehensive inventory of all existing paper-based and digital hydrometeorological, groundwater, and wadi-flow records held by MWE, CAMA/YMS, NWRA, MAIF, and university research centers. Scope: field collection and archiving; scanning and digitization using CWIMS hardware; metadata tagging; data quality control and gap identification; and upload into the CWIMS repository. Final deliverable: national data inventory report with coverage maps and quality assessment.	Month 7 after FP approval	UNDP	250,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 6	4 weeks	5 weeks	Open competition is recommended. Any proposed direct contracting requires a documented exception, market analysis, value-for-money assessment and prior approval by the authorized procurement authority. TOR to include applicable digitization and data standards.
2	National Hydrometeorological Network Assessment and Conceptual Design (Component 1, Sub-component 1.1): Field survey-based assessment of all existing monitoring stations across 9 priority basins: operational status, data quality, spatial coverage gaps, and maintenance history. Develop conceptual design for the optimized National Monitoring Network; preliminary site selection for new stations; and a prioritized gap-filling investment plan to feed into CS-05 and station procurement packages.	Month 7 after FP approval	UNDP	200,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 6	4 weeks	5 weeks	Must be completed before station procurement packages are issued. Include remote sensing and satellite data analysis for inaccessible areas. Phased field survey sequencing to prioritize accessible governorates.
3	CWIMS Platform Design, Development, and National Deployment (Component 1, Sub-component 1.2): Full-scale design and development of the national Climate Water Information Management System (CWIMS): a robust, interoperable, scalable digital platform integrating hydrometeorological, groundwater, and climate data from all national monitoring networks and satellite sources. Scope: stakeholder requirements gathering; cloud/server architecture; API development for automated data ingestion (ground, satellite, NWP); GIS dashboards; automated analytics and water quality modules; data QA/QC pipelines; desktop and mobile-responsive UI; CAP-compliant alert issuance integration (linked to CS-06); end-user training; full documentation; and maintenance/update protocol establishment.	Month 12 after FP approval	UNDP	1,300,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 9	6 weeks	8 weeks	Phased deliverable schedule with milestone-based payments. TOR to specify interoperability with WMO WIGOS data standards and IWMI open data protocols. Closely coordinate with software & hardware
4	Business Delivery Model and Long-Term Sustainability Framework (Component 3, Sub-component 3.3) : Institutional and financial sustainability model for CWIMS post-project operation: SMU governance structure, staffing plan, and TOR; inter-agency data sharing agreement templates; O&M cost modeling; multi-year financing strategy; cost-recovery options assessment; phased handover plan from UNDP to MWE/SMU; and integration of CWIMS O&M into national budget planning frameworks.	Month 18 after FP approval	UNDP	150,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 15	4 weeks	5 weeks	Financed by I-WISE co-financing. Outputs feed into SMU full operationalization (Year 3). Closely coordinate with CS-08 and NCS-01. Consultant to have public financial management and Yemen institutional context experience.

5	Detailed Hydrometeorological Network Design and Investment Plan — 9 Basins (Component 1, Sub-component 1.1) : Detailed, basin-specific design specifications for new monitoring networks, building on CS-02 conceptual design. Final site selection for ~40 AWS, ~80 groundwater, ~32 wadi-flow, and ~10 coastal stations; sensor type and technical specifications; telemetry design (GPRS/VSAT/radio); power supply (solar); civil works scoping; logistics and access plans; and a phased, costed national investment plan approved by MWE, CAMA/YMS, and NWRA.	Month 9 after FP approval	UNDP	150,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 7	4 weeks	5 weeks	Must be finalized and approved before station procurement is advertised. Ensure institutional participation through the TOR and evaluation criteria. Any direct contracting proposal requires a documented and approved exception.
6	Multi-Hazard EWS: SOPs, Hazard Model Calibration, and CAP-Compliant Workflows (Component 2, Sub-component 2.1 & 2.2) : Development and operationalization of Standard Operating Procedures for flood, drought, cyclone, and heatwave early warning; calibration of hazard models using historical event data; establishment of CAP-compliant warning issuance workflows integrated with the CWIMS platform (CS-03); forecast verification protocols; multi-agency alert coordination procedures; and live testing through simulated and real events during Years 2–3.	Month 18 after FP approval	UNDP	400,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 15	4 weeks	5 weeks	Consultant must have WMO CAP standard experience and MENA hydromet forecasting background. Must coordinate with CS-03 (CWIMS) for seamless platform integration. Government counterpart co-design sessions required throughout to build institutional ownership.
7	GIS Dashboards, Sector-Specific Climate Advisories, and Mobile-Accessible Tools (Component 2, Sub-component 2.1) : Development of: (i) real-time GIS-based climate risk dashboards for water managers, agricultural planners, and civil defence; (ii) sector-specific climate/water bulletins (monthly, seasonal, event-based); (iii) a mobile-accessible farmer advisory platform for low-bandwidth environments (offline functionality required); and (iv) full integration of all tools within the CWIMS architecture (CS-03).	Month 21 after FP approval	UNDP	400,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 18	4 weeks	5 weeks	Coordinate with CS-03 to embed GIS tools within CWIMS rather than standalone systems. Mandatory user experience testing with farmers and community members before rollout. Mobile app to be designed for low-connectivity and low-literacy users.
8	Five-Year Institutional Capacity Building Programme — 300+ Technical Staff (Component 3, Sub-component 3.4) : Design and delivery of a structured, multi-year capacity building programme targeting 300+ technical staff across MWE, CAMA/YMS, NWRA, MAIF, and SMU. Topics: hydrology/hydrogeology; meteorological observation and NWP; GIS and spatial data analysis; CWIMS platform operation; EWS operation and CAP alert issuance; equipment O&M; gender mainstreaming; project M&E; and SEA/SH awareness (mandatory). Delivery model: training-of-trainers (ToT); in-country workshops; e-learning modules; study visits to WMO Regional Training Centre (Nairobi) and ICBA (Abu Dhabi). Minimum 30% female trainee participation required.	Month 12 after FP approval	UNDP	700,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 9	4 weeks	5 weeks	Long-term contract spanning Years 1–5. Annual training calendar to be a contract deliverable. Combine in-person and remote delivery for access constraints. Partner with WMO and ICBA for specialized modules.
9	Independent Third-Party Monitoring and Verification (M&E under Component 3) : Independent verification of all project outputs and outcomes: quarterly field verification of station installations and community activities; bi-annual project performance assessments against the Results Framework; beneficiary reach surveys disaggregated by sex, age, and displacement status; procurement integrity spot-checks; and bi-annual TPM reports to UNDP, World Bank, and GCF.	Month 10 after FP approval	UNDP	550,000	Open competition	RFP: combined technical and financial scoring as stated in the solicitation	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 7	4 weeks	5 weeks	Firm must be fully independent from all implementing agencies. GBV-sensitive survey protocols required. Field access security protocols to be agreed with UNDP DSS prior to fieldwork.
Total:				4,100,000								
Goods												
1	CWIMS Software Licenses (Component 1, Sub-component 1.3) : Multi-user institutional software licenses for: ArcGIS (Desktop + Server), Power BI, KOBO Toolbox, SQL Server, MODFLOW, HEC-RAS, SWAT, SPSS, and other analytical tools as specified by the CWIMS designer (CS-03). 5-year licenses preferred. To cover MWE, CAMA/YMS, NWRA, MAIF, and SMU.	Month 9 after FP approval	UNDP	150,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 7	4 weeks	5 weeks	Financed by I-WISE co-financing. Technical specifications to be confirmed by CS-03 designer. Target authorized resellers; consolidate into a single lot. Coordinate with UNDP global software framework agreements where available.
2	CWIMS and Data Rescue Hardware (Component 1, Sub-component 1.1) : Central hub and decentralized node hardware: Servers (3), High-performance Workstations (10), Network Equipment — routers, switches, firewalls (20 units), Dataloggers and Telemetry Units (20), UPS units (15), High-resolution document scanners (3), Book scanners (2), Document feeder scanners (2), Cameras (4), Network-Attached Storage (NAS) units (3), and peripherals. Deployed across CWIMS central hub (Aden) and MWE/CAMA/NWRA offices.	Month 9 after FP approval	UNDP	450,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 7	4 weeks	5 weeks	Financed by I-WISE co-financing. International procurement required; equipment unavailable in local market. Multi-port logistics planning essential (Aden port primary; Djibouti/Oman contingency). Transit insurance mandatory. Technical specs to be reviewed by CS-03 before advertisement. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages.
3	Connectivity and Telemetry Infrastructure (Component 1, Sub-component 1.2) : VSAT satellite communication terminals (15 units), GPRS/4G telemetry modems and	Month 15 after FP approval	UNDP	700,000	Open international competition	ITB: award to the lowest-priced	No	Post review by UNDP under its internal	Month 12	4 weeks	5 weeks	Coordinate procurement with station packages (GDS-04 to GDS-07) for technical compatibility. VSAT particularly critical for remote stations lacking

	routers (100 units), solar charge controllers and batteries for off-grid power (50 units), and network connectivity redundancy equipment for CWIMS central hub. Ensures real-time data transmission from all ~162 monitoring stations to the CWIMS platform.					substantially compliant and qualified bidder		oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.				terrestrial connectivity. SIM-based data plans to be arranged separately with Yemeni telecom providers under service contracts. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages.
4	Automatic Weather Stations — ~40 Units (Component 1, Sub-component 1.2) ~40 new Automatic Weather Stations with sensors for temperature, humidity, precipitation, wind speed/direction, solar radiation, atmospheric pressure, and evapotranspiration. Each unit includes: solar power system, GPRS/VSAT telemetry, data logger, anti-vandal housing, and WMO-compliant siting equipment. Sites across all 9 priority basins.	Month 15 after FP approval	UNDP	1,600,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 12	6 weeks	8 weeks	Not available in local market; international procurement essential. Coordinate logistics with GDS-05 and GDS-06 to consolidate shipments. Suppliers must provide WMO-standard factory calibration certificates. Buffer delivery timeline of 3 months built in due to import complexity and Yemen port logistics. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages. Note: Ex-ante review is required for the procurement value USD1.5 million and above before advertisement.
5	Groundwater Monitoring Stations — ~80 Units (Component 1, Sub-component 1.2) : ~80 digital groundwater monitoring stations with: pressure transducer level loggers, water quality sensors (conductivity, temperature, turbidity), solar power, GPRS telemetry, protective casings, and installation hardware. Strategically sited across key aquifer locations in 9 priority basins	Month 15 after FP approval	UNDP	2,200,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 12	6 weeks	8 weeks	Largest single goods package. International competition is required. Borehole access requires NWRA permits and coordination with the civil-works package. Conflict-sensitive deployment sequencing is mandatory. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages. Note: Ex-ante review is required for the procurement value USD1.5 million and above before advertisement.
6	Surface Water / Wadi-Flow Monitoring Stations - approximately 32 units (Component 1, Sub-component 1.2): supply, installation and commissioning of wadi-flow and surface-water monitoring stations with water-level sensors, flow-measurement systems, water-quality sensors, solar power, GPRS/VSAT telemetry and anti-vandal housings.	Month 15 after FP approval	UNDP	1,000,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 12	6 weeks	8 weeks	Flash-flood risk during installation shall be addressed in contractor method statements. Coordinate equipment installation with the associated civil-works package and finalized site designs. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages.
7	Coastal Surge and Sea-Level Monitoring Sensors — ~10 Locations (Component 1, Sub-component 1.2): ~10 coastal surge/sea-level monitoring sets for Aden, Hadhramaut, and Socotra coastal locations. Each includes: pressure-based tide gauge, wave height sensor, storm surge sensor, GPS positioning, VSAT telemetry, solar power, and corrosion-resistant housing.	Month 18 after FP approval	UNDP	400,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 15	4 weeks	5 weeks	Socotra logistics require special transport (air freight or dedicated vessel). Installation permissions to be arranged with CAMA and port authorities in advance. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages.
8	Multi-Channel Alert Dissemination Equipment (Component 2, Sub-component 2.3) — GCF: Alert dissemination hardware: SMS gateway server and modem pool, FM radio transmitter upgrades, community siren units (30), solar-powered public address systems (15), and mobile application server infrastructure. Supports gender-responsive, multi-channel early warning dissemination to 9.2 million direct beneficiaries.	Month 21 after FP approval	UNDP	500,000	Open international competition	ITB: award to the lowest-priced substantially compliant and qualified bidder	No	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 18	4 weeks	5 weeks	Coordinate with national telecom providers for SMS gateway integration (separate service contracts). Siren and PA placements to be determined through community EAP process. Ensure CAP-compatibility with the alert workflows. Package specifications shall clearly allocate supply, installation, civil works, telemetry, solar power, integration, testing, commissioning, training, warranty and maintenance responsibilities, and shall avoid duplication with related goods and works packages.
Total:				7,000,000								
Works												
1	Rehabilitation of Existing Hydrometeorological Stations — Nationwide (Component 1, Sub-component 1.2) : Structural and technical rehabilitation of ~50 existing legacy monitoring stations across 9 priority basins: structural repairs, weatherproofing, sensor replacement, telemetry upgrades, solar retrofitting, data logger replacement, grounding and lightning protection, anti-vandal protection, site access improvements, and local technician training on maintenance procedures.	Month 18 after FP approval	UNDP	600,000	Limited competition among pre-qualified contractors	ITB: award to the lowest-priced substantially compliant and qualified bidder	Yes	Post review by UNDP under its internal oversight framework. GCF prior review/clearance only if required by the FAA or approved procurement plan.	Month 15	4 weeks	5 weeks	Solicitation shall be issued to all eligible contractors on the valid UNDP pre-qualified roster for the relevant works category and locations. Roster validity and contractor eligibility shall be verified before issuance. Security and site assessments are mandatory before mobilization. Works shall be phased by basin, and technician training shall be included as a contract deliverable. Responsibilities for equipment supply, installation, telemetry, solar components, testing, commissioning, warranty and civil works shall be clearly allocated to avoid overlap with the related goods packages.
2	Civil Works for New Monitoring Station Installation (Component 1, Sub-component 1.2): Site preparation and civil works for new AWS, groundwater, wadi-flow, and coastal stations (GDS-04 to GDS-07): land clearing and leveling; concrete pads and mounting pillars; borehole	Month 18 after FP approval	UNDP	400,000	Limited competition among pre-qualified contractors	ITB: award to the lowest-priced substantially	Yes	Post review by UNDP under its internal oversight framework. GCF	Month 15	4 weeks	5 weeks	Solicitation shall be issued to all eligible contractors on the valid UNDP pre-qualified roster for the relevant works category and locations. Roster validity and contractor eligibility shall be verified before issuance. Civil works shall be completed 4 to 6 weeks before

	casing and wellhead construction; instrument shelters; security fencing; cable conduit installation; access track improvements; and solar power supply connections.					compliant and qualified bidder		prior review/clearance only if required by the FAA or approved procurement plan.				equipment arrival, and environmental and social screening shall be completed for each site. The BOQ and specifications shall clearly define interfaces with goods suppliers for foundations, mounting, cabling, solar connections, installation, testing, commissioning and warranty obligations.
Total:				1,000,000								
Individual consultants (if applicable) ³												
N/A	No individual-consultant procurement is currently planned. Update this section through a formally revised procurement plan if such requirements arise.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:				0								

³ If engagement of individual consultants is not processed under procurement (e.g. through human resources) indicate N/A