

NOTIFICATION

This RFP ref no. RFP-UNDP-PETRA-73054-033-2019 Consulting Service for the Design and Construction Supervision for Two Puskesmas and Twenty One Schools in Central Sulawesi is retendering from RFP/UNDP/PETRA/73054/015/2019. There are revisions in to ensure the minimum number of manpower and resources are met as follow:

1. Technical Evaluation Criteria

Summary of Technical Proposal Evaluation Forms		Points Obtainable
1.	Bidder's qualification, capacity and experience	300
2.	Proposed Methodology, Approach and Implementation Plan	400
3.	Management Structure and Key Personnel	300
	Total	1000

Section 1. Bidder's qualification, capacity and experience		Points obtainable
1.1	Reputation of Organization and Staff Credibility / Reliability / Industry Standing - 10 years of experience in general civil works planning, design, construction supervision & contract management – 30 points - Minimum 10 years of experience in building, education/medical facilities planning, design, construction supervision & contract administration/ management – 40 points - Firm's past performance in producing consistently good outcomes – 30 points (<i>evidenced three satisfactory performance certificates, each 10 points</i>)	100
1.2	Visible organizational capabilities which are likely to enhance or impede implementation: - management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted – 20 points - Operational history, minimum 10 years – 15 points. 1 point per each additional year, up to maximum of 20 points . - Strength of project management support, in terms of in-country resources allocated to this Project – 20 points	60

1.3	<p>Quality of specialized knowledge and experience on similar engagements completed predominantly in outlying South East Asia areas, particularly Indonesia</p> <ul style="list-style-type: none"> - 10 years' experience in providing multidisciplinary consulting engineering services – 50 points (<i>no additional points will be given for experience beyond 10 years</i>) - Verifiable abilities to comprehend, interpret, and apply GoI National and Local Government decrees, regulations, ordinances, standard technical standards drawings: 40 points (<i>evidenced four completion/handover certificates or works examination certificates each 10 points</i>) - 5 years of experience in post disaster recovery & reconstruction for developing country contexts – 20 points 	110
1.4	<p>Organizational Commitment to Sustainability</p> <ul style="list-style-type: none"> -Organization is compliant with ISO 14001 or ISO 14064 or equivalent – 20 points -Organization demonstrates significant commitment to sustainability through some other means-, for example public diplomacy policy, internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues 10 points 	30
Total Section 1		300

Section 2. Proposed Methodology, Approach and Implementation Plan		Points obtainable
2.1	<p>Understanding of the requirement:</p> <ul style="list-style-type: none"> - Have the important aspects of the task been addressed in sufficient detail? 40 points - Are the different components of the project adequately weighted relative to one another? 30 points - Is there a clear understanding of Indonesian construction regulations and standards? 30 points 	100
2.2	Description of the bidder's approach and methodology for meeting or exceeding the requirements of the Terms of Reference	120
2.3	Description of available performance monitoring and evaluation mechanisms and tools; how they shall be adopted and used for a specific requirement, with particular emphasis to the PETRA's Environmental and Social Management Framework	80
2.4	Assessment of the implementation plan proposed including whether the activities are properly sequenced and if these are logical and realistic and effectively implement sustainability measures in the execution of the contract	100
Total Section 2		400

Section 3. Management Structure and Key Personnel			Points obtainable
3.1	Composition and structure of the team proposed. Are the proposed roles of the management and the team of key personnel suitable for the provision of the necessary services?		50
3.2	Qualifications of key personnel proposed		
3.2 a	Team Leader		100
	- General Experience – at least 10 years managing design and supervision teams	30	
	- Specific Experience relevant to the assignment – at least 10 year experience in designing, supervision or construction of buildings, education/health facilities or similar nature of services – 20 points.	20	
	- At least 5 years Regional/International experience – 10 points. Additional 10 points for at least 5 year experience in Indonesia	20	
	- English/Bahasa Indonesia – preferably management level fluency	10	
	- Minimum Bachelor degree in Civil Engineering or Architecture	20	
	<i>(if the “Team Leader” does not meet the minimum bachelor degree, the CV will be disqualified)</i>		
3.2 b	Senior Design & Standards Compliance Engineer		80
	- General Experience – at least 10 year experience in general construction design	20	
	- Specific Experience relevant to the assignment – at least 8 year experience in Health facilities, Schools or similar structures design – 20 points. 5 points per each additional two years, up to maximum 30 points	30	
	- Regional/International/Indonesia multi-province experience	10	
	- Bahasa Indonesia – preferably management level fluency; able to accurately interpret International and National regulations, standards & drawings	10	
	- Minimum Bachelor degree in Civil Engineering or Architecture	10	
	<i>(if the “Senior Design & Standards Compliance Engineer” does not meet the minimum bachelor degree, the CV will be disqualified)</i>		
3.2 c	Senior Construction Supervision /Quality Assurance Engineer		70

- General Experience – at least 10 years general construction supervision experience	10	
- Specific Experience relevant to the assignment – at least 8 year experience in health facilities and school supervision or similar nature of services – 20 points. 5 points per each additional two years, up to maximum 30 points	30	
- Regional/International/Indonesia multi-province experience	10	
- Bahasa Indonesia – preferably supervisory level fluency; able to communicate simply & clearly for the jobsite context with contractor teams	10	
- Minimum Bachelor degree Civil Engineering or similar degree <i>(if the “Senior Construction Supervision /Quality Assurance Engineer” does not meet the minimum bachelor degree, the CV will be disqualified)</i>	10	
Total Section 3		300

2. Terms of References

- Team Member Qualifications & Experience**

Position Name	Relevant Experience years	Minimum Education	Special Skills
Team Leader	10	Bachelor degree in Civil Engineering and/or Architecture, Master degree is preferable	Project management for a multidisciplinary development environment. Public sector & community engagement/ leadership
Environmental Expert	10	Bachelor degree in Environmental Science or related course, Master degree is preferable	Expert for developing and monitoring the environmental management plans for local govt/ community participation
Senior Design & Standards Compliance Engineer	10	Bachelor degree in Civil Engineering or Architecture, Master degree is preferable	Architect or engineer, expert in national & health/ education building regulations/ standard. Plans & permits approvals
Structural Engineer	10	Master's Degree in Structural Engineering	Structural strength assessment of existing structures conjoined with new work; reuse of existing reinforced concrete elements; structural certifications
Mechanical & Electrical Engineer	7	Minimum Bachelor degree in Mechanical/ Electrical Engineering	Experience in designing and supervision of Mechanical/Electrical building installation or relevant field of works
Geotechnical Engineer	7	Minimum Bachelor degree in Civil Engineering	Site assessments for ground conditions, soil & rock classifications, foundation sub grade testing

Assistant Engineer	5	Minimum Bachelor degree in Engineering: Civil, Mechanical/ Electrical, Geotechnical or Architect	Experience in design and supervision of building construction, civil works, mechanical/electrical works, geotechnical or relevant field of works
Cost Estimator	5	Minimum Bachelor degree in Engineering or Finance/Economy	Experience in project management, project cost estimation/calculation, familiar with market price and government standard of material and price
CAD Draftsperson	5	Minimum Diploma (D-III) degree in Building Construction or Civil engineering	Familiarity with government drawing standards/ compliance packages. Identification of applicable arrangement/ floor layouts. Archive retrieval & updating
Senior Construction Supervision/ Quality Assurance Engineer	10	Minimum Bachelor degree in Civil Engineering, Master degree is preferable	Compliance oversight / certification for all subproject works. Coordinate handover to agencies. ISO qualified
QA Inspector/ Clerk of Works	8	Minimum Bachelor degree in Civil Engineering	Disciplined quality/ timewise compliance. First point reporting of dispute issues. ISO qualified
Stakeholder Liaison	5	Minimum Bachelor degree in Management or any business-related courses	Expert on public sector liaison and issues resolution protocols. Excellent multilingual communicator
Community Developer	5	Minimum Bachelor degree in any social sciences related courses	Community goal setting & consensus. Issues identification and resolution
Environmental and Social Management Framework (ESMF) Monitor	5	Minimum Bachelor degree in any engineering courses	Thorough compliance monitoring and enforcement in project & public agency contexts

The minimum indicate of the required personnel and person months to perform the works shown in the Form G. Financial Proposal Form. The proposal that does not meet the minimum indicate of the required personnel and person months will be disqualified.

VIII SCOPE OF PROPOSAL PRICE AND SCHEDULE OF PAYMENTS

No.	Title	Deliverables Duration	Amount (US\$)	% of Total
1.0	Inception report Comprising revised work plan, environmental management plan and risk assessment	1 month		10
2.0	Design Services for Sulawesi Tengah Final Design Reports and Final Tender Documents; RoI government notice to proceed with tendering	3 months		25
3.0	Pre-Construction and Bidding Support Services Provision of technical advice during the bidding process	2 months		5
4.0	Construction Supervision for Sulawesi Tengah (330 days) Completion of Construction Supervision in Sulawesi Tengah	11 months		50
5.0	Defects Liability Period The Consultant shall make its team available through the defects-notification stage of the project to provide input as required into the completion of As-Built drawings and to the preparation of project related final accounts and contractual close-out.	1 year after Substantial Completion of the civil works		10

- The Consultant is to also propose their own financial proposal, justified based on its experience of what can practicably be achieved. Preference will be given to proposals with faster completion, provided these are considered practical. Detailed explanation for any proposed variation is required.
- The Bidder shall provide a fixed lump sum for the whole of the project, including a fixed weekly/monthly construction supervision rate which will be used in any amendment in the event of any unavoidable time overruns.

- Lump Sum pricing shall apply, whereby the Consultant shall be responsible for covering all costs, inclusive of fees, per diems/ living allowances, domestic air travel, vehicle operating costs, office operational costs and national taxes. However, the consultant shall provide the breakdown of costs of the various cost items, in man-days/man-months, quantities required, etc.

3. Form G. Financial Proposal Form

Table 2: Breakdown of Professional Fees

Name	Position	Fee Rate	No. of months	Total Amount
		A	B	C = A x B
I. <u>INCEPTION AND DESIGN</u>				
	Team Leader		4	
	Senior Design & Standard Compliance Engineer		4	
	Mechanical and Electrical Engineer		4	
	Environmental Expert		4	
	Structural Engineer		4	
	Geotechnical Engineer		4	
	Assistant Design Engineer/Architect - 1		4	
	Assistant Design Engineer/Architect - 2		4	
	Assistant Design Engineer/Architect - 3		4	
	Assistant Civil/Structural Engineer - 1		4	
	Assistant Civil/Structural Engineer - 2		4	
	Assistant Civil/Structural Engineer - 3		4	
	Assistant Engineer Mechanical & Electrical - 1		4	
	Assistant Engineer Mechanical & Electrical - 2		4	
	Assistant Geotechnical Engineer - 1		4	
	Assistant Geotechnical Engineer - 2		4	
	Cost Estimator - 1		4	
	Cost Estimator - 2		4	
	Stakeholder Liaison - 1		4	
	Stakeholder Liaison - 2		4	
	CAD assistant / Drafter - 1		4	
	CAD assistant / Drafter - 2		4	
	CAD assistant / Drafter - 3		4	
	CAD assistant / Drafter - 4		4	
	CAD assistant / Drafter - 5		4	
	CAD assistant / Drafter - 6		3	
	CAD assistant / Drafter - 7		3	
	CAD assistant / Drafter - 8		3	
	CAD assistant / Drafter - 9		3	

				Sub Total:	
II. <u>PRE-CONSTRUCTION & BIDDING</u>					
	Team Leader		2		
	Senior Design & Standards Compliance Engineer		2		
	Mechanical and Electrical Engineer		2		
	Structural Engineer		2		
	Environmental Expert		2		
	Geotechnical Engineer		2		
	Cost Estimator – 1		2		
	Cost Estimator – 2		2		
	CAD assistant / Drafter - 1		2		
	CAD assistant / Drafter - 2		2		
				Sub Total:	
III. <u>CONSTRUCTION SUPERVISION</u>					
	Team Leader		11		
	Senior Construction Supervision / Quality Assurance Engineer		11		
	Mechanical and Electrical Engineer		11		
	Structural Engineer		11		
	Geotechnical Engineer		4		
	Assistant Design/Architect - 1		8		
	Assistant Design/Architect - 2		8		
	Assistant Civil/Structural Engineer - 1		8		
	Assistant Civil/Structural Engineer - 2		8		
	Assistant Engineer Mechanical & Electrical - 1		8		
	Assistant Engineer Mechanical & Electrical - 2		8		
	Assistant Geotechnical Engineer - 1		6		
	Assistant Geotechnical Engineer - 2		6		
	QA Inspector/Clerk of Works - 1		11		
	QA Inspector/Clerk of Works - 2		11		
	QA Inspector/Clerk of Works - 3		11		
	QA Inspector/Clerk of Works - 4		11		
	QA Inspector/Clerk of Works - 5		11		
	QA Inspector/Clerk of Works - 6		11		
	QA Inspector/Clerk of Works - 7		11		
	QA Inspector/Clerk of Works - 8		11		
	QA Inspector/Clerk of Works - 9		11		
	QA Inspector/Clerk of Works - 10		11		
	QA Inspector/Clerk of Works - 11		11		
	QA Inspector/Clerk of Works - 12		11		
	QA Inspector/Clerk of Works - 13		9		
	QA Inspector/Clerk of Works - 14		9		
	QA Inspector/Clerk of Works - 15		9		
	QA Inspector/Clerk of Works - 16		9		
	QA Inspector/Clerk of Works - 17		9		

	QA Inspector/Clerk of Works - 18		9	
	QA Inspector/Clerk of Works - 19		9	
	QA Inspector/Clerk of Works - 20		9	
	CAD / Draft Person - 1		10	
	CAD / Draft Person - 2		10	
	CAD / Draft Person - 3		10	
	CAD / Draft Person - 4		10	
	Stakeholder Liaison - 1		10	
	Stakeholder Liaison - 2		8	
	Community Developer - 1		10	
	Community Developer - 2		8	
	Environmental and Social Management Framework (ESMF) Monitor – 1		11	
	ESMF Monitor – 2		11	
			Sub Total:	
IV. DEFECT LIABILITY PERIOD				
	Team Leader		4	
	Senior Construction Supervision / Quality Assurance Engineer		4	
	Mechanical and Electrical Engineer		3	
	Structural Engineer		4	
	Assistant Civil/Structural Engineer - 1		4	
	Assistant Civil/Structural Engineer - 2		4	
	Assistant Civil/Structural Engineer - 3		4	
	Assistant Civil/Structural Engineer - 4		4	
	CAD assistant / Drafter - 1		4	
	CAD assistant / Drafter - 2		4	
			Sub Total:	
			Subtotal Professional Fees:	

Note:

The positions and numbers of month in table 2 are only **minimum indicative** to show the required personnel and person months to perform the works. It is up to the bidder to add necessary items based on bidder's professional judgments and experience to match with the technical proposal. The proposal that does not meet the minimum indicate of the required personnel and person months will be **disqualified**.

Table 3: Breakdown of Other Costs

No.	Description	UOM	Qty.	Freq.	Unit Price	Total Amount
<u>I. DESIGN STAGE</u>						
<u>A. Travel Cost</u>						
1.	Flight to Palu (Team Leader, Design Engineer, Mechanical Electrical Engineer, Environmental Specialist, Structural Engineer, & Geotechnical Engineer)	Person-Trip	6	3		
2.	Flight to Palu (Assistant Engineers & Stakeholder Liaisons)	Person-Trip	8	3		
<u>B. Lodging and Allowance</u>						
1.	<u>Hotel</u>					
	1.) Team Leader, Environm. Spec. & Mech. Electr. Engineer	Person-day	3	20		
	2.) Design Engineer, Structural Eng., & Geotechnical Eng.	Person-day	3	30		
	3.) Assistant Engineers & Stakeholder Liaisons	Person-day	8	40		
2.	<u>Allowance</u>					
	1.) Team Leader, Environm. Spec. & Mech. Electr. Engineer	Person-day	3	20		
	2.) Design Engineer, Structural Eng., & Geotechnical Eng.	Person-day	3	30		
	3.) Assistant Engineers & Stakeholder Liaisons	Person-day	8	40		
<u>C. Transport</u>						
1.	Car Rental (incl. driver & fuel) in Jakarta	Unit-month	2	4		
2.	Car Rental (incl. driver & fuel) in Palu	Unit-day	4	40		
<u>D. Offices Space, Operational, Stationaries & Communications</u>						
1.	Head Office Operational (Jakarta)	Ls-month	1	4		
2.	Palu Office (Rent complete w. furnitures)	Ls-month	1	4		
3.	Palu Office Operational (incl. Office Manager, Security & OB/G)	Ls-month	1	4		
<u>E. Office Equipment (Computer / Printers etc.)</u>						
1.	Computer Desktop & Laptop	Ls-month	1	4		
2.	Printers A3 & A4	Ls-month	1	4		
3.	LCD Projector & Camera	Ls-month	1	4		
<u>F. Rental Engineering Tools</u>						
1.	Teodolite TS, Waterpass, & others	Lumpsum	1	1		
2.	GPS & others	Lumpsum	1	1		
<u>G. Survey & Investigation</u>						
1.	Topographic Survey	Lumpsum	1	1		
2.	Soil testing, Water testing, & others	Lumpsum	1	1		
3.	Geotechnical Investigation & Test	Lumpsum	1	1		

<u>H. Reports and Documentation (Printed materials & soft copy)</u>						
1.	Preliminary Report	Lumpsum	1	1		
2.	Concept design	Lumpsum	1	1		
3.	Detail Engineering Design	Lumpsum	1	1		
4.	Monthly / Regular Report	Lumpsum	1	1		
<u>I. Other Cost</u>						
1.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
2.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
Sub Total Design Stage						
<u>II. PRE-CONSTRUCTION & BIDDING STAGE</u>						
<u>A. Transport</u>						
1.	Car Rental (incl. driver & fuel) in Jakarta	Unit-month	2	2		
<u>B. Offices Space, Operational, Stationaries & Communications</u>						
1.	Jakarta Office Operational	Ls-month	1	2		
<u>C. Reports and Documentation (Printed materials)</u>						
1.	Document and drawing revisions	Lumpsum	1	1		
2.	Tender Report	Lumpsum	1	1		
3.	Monthly / Regular Report	Lumpsum	1	1		
<u>D. Other Cost</u>						
1.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
2.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
Sub Total Pre-Construction & Bidding Stage						
<u>III. SUPERVISION STAGE</u>						
<u>A. Mobilization/demobilization & Travel Cost</u>						
1.	Mobilization/demobilization to Palu (Team Leader)	Lumpsum	1	1		
2.	Mobilization/demobilization to Palu (Chief Engineer, Structural Engineer, and Mechanical Electrical Eng.)	Lumpsum	3	1		
3.	Mobilization/demobilization to Palu (Design Engineer & Geotechnical Engineer)	Lumpsum	2	1		
4.	Mobilization/demobilization to Palu (Assistant Engineers)	Lumpsum	8	1		
5.	Mobilization/demobilization to Palu (Stakeholder Liaison, Community Developer & AMDAL Specialist)	Lumpsum	5	1		
6.	Mobilization/demobilization to Palu (QA Inspectors and CAD Drafters)	Lumpsum	24	1		
<u>B. Lodging and Allowance</u>						
1.	<u>Housing and Room Rent</u>					
	1.) Describe, incl. unit, quantity and cost	.....	.....	.....
	2.) Describe, incl. unit, quantity and cost	.....	.....	.....
	3.) .....	.....	.....	.....

	4.) .....	.....	.....	.....
2.	Allowance					
	1.) Describe, incl. unit, quantity and cost	.....	.....	.....
	2.) Describe, incl. unit, quantity and cost	.....	.....	.....
	3.) .....	.....	.....	.....
	4.) .....	.....	.....	.....
C. Local Transport						
1.	Car Rental (Describe the quantity and cost)	Unit-month		11		
2.	Motorcycle Rental (Describe the quantity and cost)	Unit-month		11		
D. Offices Space, Operational, Stationaries & Communications						
1.	Jakarta Office Operational (Describe quantity and cost)	Ls-month		11		
2.	Palu & District Offices rental (Describe quantity and cost)	Ls-month		11		
3.	Palu Office Operational (Describe quantity and cost)	Ls-month		11		
E. Office Equipment (Computer / Printers etc.)						
1.	Computer Desktop & Laptop	Ls-month	1	11		
2.	Printers A3 & A4	Ls-month	1	11		
3.	LCD Projector & Camera	Ls-month	1	11		
F. Rental Engineering Tools						
1.	Teodolite TS, Waterpass, & others	Lumpsum				
2.	GPS & others	Lumpsum				
G. Reports and Documentation (Printed materials)						
1.	Weekly & Monthly Report	Ls	1	11		
2.	Progress and Claim Report	Ls	1	5		
3.	Final Report	Ls	1	1		
H. Other Cost						
1.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
2	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
3	.....	.....	.....	.....
	Sub Total Construction Supervision Stage					
IV. DEFECT LIABILITY PERIOD						
A. Travel Cost						
1.	Flight to Palu (Team Leader, Senior Quality Assurance Engineer & Structural Engineer)	Person-Trip	3	4		
2.	Flight to Palu (Mechanical Electrical Engineer)	Person-Trip	1	2		
3.	Flight to Palu (Assistant Engineers)	Person-Trip	2	4		
B. Lodging and Allowance						
1.	Hotel					
	1.) Team Leader, Senior QA Engineer & Structural Engineer	Person-day	3	20		
	2.) Mechanical Electrical Engineer	Person-day	1	10		

	3.) Assistant Engineers	Person-day	2	40		
2.	<u>Allowance</u>					
	1.) Team Leader, Senior QA Engineer & Structural Engineer	Person-day	3	20		
	2.) Mechanical Electrical Engineer	Person-day	1	10		
	3.) Assistant Engineers	Person-day	2	40		
<u>C. Local Transport</u>						
1.	Car Rental (Describe the quantity and cost)	Unit-month		11		
<u>D. Offices Space, Operational, Stationaries & Communications</u>						
1.	Jakarta Office Space	Ls-month	1	2		
<u>E. Rental Engineering Tools</u>						
1.	Teodolite TS, Waterpass, & others	Lumpsum				
2.	GPS & others	Lumpsum				
<u>F. Reports and Documentation (Printed materials)</u>						
1.	Regular and Quarterly Report	Ls	1	4		
2.	Defect Period Claim Report	Ls	1	1		
3.	Final Report	Ls	1	1		
<u>G. Other Cost</u>						
1.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
2.	(Describe, incl. Unit, quantity & cost)	.....	.....	.....
3.	.....	.....	.....	.....
Sub Total Defect Liability Period						
Subtotal Other Costs:						

Note:

The items, description and quantities in table 3 are only **minimum indicative** to show the required activities and resources to perform the works. It is up to the bidder to add necessary items based on bidder's professional judgments and experience to match with the technical proposal.

Table 4: Breakdown of Price per Deliverable/Activity

Deliverable/ Activity description	Professional Fees	Other Costs	Total	Percentage
<u>Deliverable 1:</u> Inception Report				
<u>Deliverable 2:</u> Design services				
<u>Deliverable 3:</u> Pre-construction and bidding support services				
<u>Deliverable 4:</u> Construction Supervision				
<u>Deliverable 5:</u> Defects liability period				