TRANSNET NATIONAL PORTS AUTHORITY

an Operating Division of **TRANSNET SOC LTD**

[hereinafter referred to as **Transnet]** [Registration No. 1990/000900/30]

REQUEST FOR PROPOSAL [RFP]

SUPPLY AND INSTALLATION OF SMART WATER AND ELECTRICITY METERS WITH A SOFTWARE SOLUTION (UTILITIES MANAGEMENT) ACROSS THE EIGHT PORTS

RFP NUMBER:	**TNPA/2025/02/0002/89478/RFP**
ISSUE DATE:	**30 July 2026**
COMPULSORY BRIEFING SESSION:	**07 August 2026 @11H00**
CLOSING DATE:	**06 November 2026**
CLOSING TIME:	**16H00**
BID VALIDITY PERIOD:	**12 WEEKS FROM CLOSING DATE**

Questions and Responses 6:

No.	Bidders Questions	TNPA Responses
1.	Where a project falls within one of the listed categories, is it precisely regarded as relevant, specifically conventional water reticulation infrastructure projects, or must the project also contain elements materially similar to this tender, like AMR/AMI, automation, data communications, metering or utility-management software?	A conventional water reticulation infrastructure project as indicated on "T2.2-08 Evaluation Schedule - Previous Experience" (Water Network Projects) will meet the criteria. Even if the project did not include AMR it qualifies for Evaluation.
2.	May the required project references be an aggregate of projects across any combination of the five listed categories, or must all references fall within the same category?	An aggregate of projects across any combination of the listed categories.
3.	Will experience/reference letters belonging to a formally committed specialist subcontractor, OEM, software integrator or technology partner be accepted for scoring under T2.2-08, provided a signed subcontracting agreement is submitted? If yes, under what conditions?	Refer to Addendum No.04.
4.	Define the minimum scope required for a project to qualify as a "Plant Control and Automation Project". Would SCADA, PLC, telemetry, instrumentation, OT networking or process-control integration projects qualify independently?	Yes. SCADA, PLC, telemetry, instrumentation, OT networking or process-control integration projects will qualify independently.
5.	Please clarify whether TNPA requires AMR only, full two-way AMI functionality, or a hybrid solution, and identify the mandatory AMI capabilities if full AMI is required.	TNPA require AMR only.
6.	Is the minimum requirement that every meter be receivable by at least two gateways, or by three gateways? Please clarify the meaning of "2 to 3 gateways" and "redundancy factor of 2".	Every meter must be reachable by a minimum of 2 gateways.

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7.	Are the gateway quantities stated in the BOQ fixed quantities to be priced, or indicative quantities subject to the Contractor's RF coverage design? If additional gateways are required to satisfy redundancy, how will they be valued?	The BOQ is re-measurable.
8.	Are fibre lengths, manhole, switch and patch panel quantities firm BOQ quantities, maximum allowances, or estimated quantities subject to the Contractor's detailed design and remeasurement?	The BOQ is re-measurable.
9.	Will TNPA provide current physical network diagrams, fibre route drawings, IP/VLAN architecture, existing rack/switch schedules and connection points for each port?	Contractor is to design, supply, install and commission an independent Fiber Optic Backbone. The only interface onto to the Corporate network will be on one port on the Management Workstation. The diagrams and drawings of the existing network will be shared with successful bidder during construction.
10.	Will TNPA provide its approved reference architecture for the OT to Corporate Network Interface, including the demarcation point and division of responsibilities between TNPA ICT and the Contractor?	Connectivity between the OT and Corporate network will be segregated by a firewall. Network Interface, including the demarcation point and division of responsibilities between TNPA ICT and the Contractor will be communicated with the Successful Bidder. The Contractor will be responsible for the OT Network and TNPA ICT will be responsible for the IT Network Environment.
11.	Please clarify whether two physical servers are required at each of the eight ports and one centrally at HQ. Or just HQ central viewing?	Yes, two physical servers are required at each port and one at HQ for Central Viewing which will link all the locally hosted servers in the ports.
12.	Is TNPA expecting an existing proven off the shelf utility management platform configured/integrated for TNPA, or will a custom developed application be considered equally compliant?	TNPA is expecting an existing proven off the shelf utility management platform configured and integrated to TNPA requirements.

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13.	Please confirm the Defects Liability Period and/or whether the maintenance & technical support period being 12 months, will align with the Defects Liability Period.	Maintenance and Technical Support will be provided concurrently with the Defect Liability Period.
14.	For how long after commissioning must the Contractor provide firmware updates, vulnerability management, SIEM integration support and cybersecurity monitoring?	All services i.e. firmware updates, vulnerability management, SIEM integration support and cybersecurity monitoring should have 12-month maintenance and technical support.
15.	Please confirm whether there are any mandatory minimum qualifications/registrations for ICT/OT network specialist, software/integration and cybersecurity specialist that are not listed under Stage 1 eligibility.	There are no eligibility criteria for the ICT/OT network specialist, software/integration and cybersecurity specialist.
16.	Will functionality experience and resource submissions from JV members be recognised in full regardless of JV participation percentage, or they'll be uniformly weighted?	The JV members will be recognised in full regardless of JV participation percentage.
17.	Can expenditure allocated to qualifying JV partners count towards the 30% CPG/Enterprise Development obligation, or must the 30% be subcontracted to entities outside the bidding JV? Please distinguish the CIDB ED requirement from the SBD 6.1 specific goal requirement?	The 30% Contract Participation Goal (CPG) / Enterprise Development (ED) requirement and the SBD 6.1 Specific Goals requirement serve different purposes and must be considered separately. The 30% may be achieved with JV partners as long as the JV partners comply with the requirements of CIDB BUILD – ie they must be registered with CIDB in any of the grades 1 to 6 and must be 51% or more Black Owned or 35% or more Black Women Owned. If the JV partners do not comply with these requirements the Contract Participation Goal of 30% subcontracting would need to be achieved through other sub-contractors .

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		The SBD 6.1 requirement is therefore concerned with the allocation of preference points during tender evaluation, whereas the CIDB ED/CPG requirement relates to contract execution and enterprise development outcomes during implementation of the project. These are separate obligations and compliance with one does not automatically constitute compliance with the other.
18.	Confirm the exact monetary base on which the 30% CPG is calculated, including treatment of VAT, contingencies, escalation, provisional sums, CIDB fees, etc.	The 30% CPG is calculated based on the Total Tender Value, less any Contingency Sums, Provisional Sums for escalation and excluding VAT.
19.	Must the full 30% subcontracting be supported by signed agreements of subcontractors at tender closing, or may portions be procured after award subject to TNPA approval?	If the experience of the subcontractor will be utilised for evaluation, the subcontractor must be listed in T2.2.-18 and a signed subcontracting agreement must be submitted. If the experience of the sub-contractor is not being used for technical/ functionality evaluation there is no further requirement for purpose of the tender submission, but the sub-contracting will be a condition of contract and will be required to be achieved. Failure to achieve the CPG will result in a penalty equal to the value of the sub-contracting not achieved.
20.	Please provide available electrical, water and ICT outage windows for each port & confirm who bears time and cost consequences if TNPA cannot provide an approved outage?	Electrical, water and ICT outage windows for each port cannot be provided at this stage, this will be negotiated with the successful bidder with coordination with TNPA and the relevant stakeholders. The Contractor's schedule shall be flexible to accommodate occupation and outage constraints.
21.	Considering that the submission, regardless of JVs will be upward of 1500 scanned pages, scanned at 200 to 300 DPI in color or grayscale for a considerable quality, we can assume an average size per page of roughly 0.1 MB to 0.8 MB. This will roughly be 150 MB to 1200 MB.	Unfortunately, our system is configurated to allow 30MB upload, however system can accommodate as many as uploads. Please segment your document as per E Tender Portal guide i.e Mandatory, Essential, Non-Essential and Other.

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	Did TNPA consider this and what is the recommended way of submission considering that the OLD portal has a 30MB file size limit per upload, where a 1200MB document will have to be separated into 42 – 48 individual documents? Do note that for a JV, this quantity becomes slightly more!	
22.	We will be submitting a SHE file (Point 10) that will cover Health & Safety and Environmental. (No separate Environmental file as required on point 13).	Environmental file and Health and Safety file will be required after tender award and will be required before the commencement of work.
	Please advise id the appointment of an Environmental Officer is really required as we will be on site 1 day for installation and maybe 1 day for programming.	Environmental Officer is required for this project
	Spill Response Procedure (Point 17) – We won't be taking any substance on sit that can cause a spillage.	Machinery and generators using petrol or diesel might cause spillages on site and the procedure to prevent spill contamination must be in place. This will also be required after tender award.
	Will we really require Environmental Method Statement for the work that we will be doing on site.	Yes
	I don't think there is need for a Site Layout Plan (Point 19) as we won't be doing any long-term work that require site establishment or a site camp. The client should actually supply us with a site layout that indicate the position of the meters.	This will be required after tender award and before commencement of work.
	Do we require the Water Protection Measures (Point 20) as we will waste maybe 5 litres of water.	Yes
	I also need clarity if we will need the following: • Environmental Inspection Records (Point 22)	This will be required after tender award and before commencement of work.
	• Environmental Audit Schedule (Point 230	This will be required after tender award and before commencement of work.

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	• Community Grievance Procedure (Point 24)	This will be required after tender award and before commencement of work
	• Environmental Training Records (Point 25)	This will be required after tender award and before commencement of work.
	• Rehabilitation Plan (Point 26)	This will be required after tender award and before commencement of work.
	• Environmental Incident Register (We just have and "Incident Register" for all incidents. (Point 29)	This will be required after tender award and before commencement of work.
	• Monthly Environmental Reports (Point 30)	This will be required after tender award and before commencement of work.
	• Will the fact that we have a Compliance Register cover Point 27 NEMA Compliance Evidence and Point 28 Waste Act Compliance	Evidence - Compliance to NEMA and Waste Act is a legal requirement.

Signed By	:	**Signed By**	:
Name:	: Sphelele Ngcobo	**Name**	: Phumza Mhlontlo
Designation	: Project Manager	**Designation**	: Commodity
Signature	: 	**Signature**	: 
Date	: 28/ 10/ 2026	**Date**	: 28/10/2026