

Request for Proposal (RFP) for Investing, Constructing and Managing of Seawater Desalination Plant at Hambantota, Sri Lanka

ADDENDUM 02



23.11.2017

BOARD OF INVESTMENT OF SRI LANKA

P.O Box 1768, World Trade Center - West Tower, Echelon Square, Colombo 03, Sri Lanka.

Date :
Our Ref :
Your Ref :

Dear Sir

Request for Proposal (RFP) for Investing, Constructing and Managing of Seawater Desalination Plant at Hambantota, Sri Lanka

ADDENDUM NO 02

This has reference to the Addendum 01 issued on 09.11.2017 on the above.

Following clarifications are made as answer for questions raised at the Pre-bid meeting which is as an Addendum No 02.

(1) Question No 08 of Pre Bid meeting minutes

Soil investigation reports pertaining to Bore Hole 09 & Bore Hole 10 which are located in close proximity to the land are enclosed herewith (Attachment 2.4)

(2) Question No 09 of Pre Bid meeting minutes

A new item shall be incorporated under the Item no (ix) of Technical Proposal Format (Attachment 2.1) of the RFP document

(b.1) - The prospective investor shall propose tariff for treated water supposed to be supplied under the project.

(3) Question No 10 of Pre Bid meeting minutes

Please treat ^{as} attachment 2.1 is replaced with Attachment 2.5 (enclosed).

Yours faithfully
BOARD OF INVESTMENT OF SRI LANKA


H M Jayasundara
Director (North Western Regional Office)
For Actg. Executive Director (Technical Services)

encl.

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Attachment 2.5

Revised Evaluation Criteria

	Technical Proposal Evaluation	Points obtainable (maximum)	Minimum Points
1.	Specific Experience of the Proposer in similar projects. Proposer will receive marks for completion of at least one project during the last 10 years.	30	10
2.	Adequacy of the proposed methodology and work plan in responding to TOR (i) Approach for implementation of the project (a) Understanding of the project (b) Components of the project (c) Conceptual layout of the lands (d) Optimum utilization of the lands (e) Development timing (f) Qualifications of the investor/developer to design, develop, build, operate & manage the project (g) Proposals to develop and operate as an eco-friendly project (h) Operational plan (ii) Measures proposed to control environmental aspects	70 5 5 5 10 5 15 10 10 5	60
	Total	100	70

LOG OF BOREHOLE



NATIONAL BUILDING RESEARCH ORGANISATION
 GEOTECHNICAL ENGINEERING DIVISION
 99/1, Jawatta Road, Colombo 05.

SHEET NO
 1 of 1

PROJECT	GEOTECHNICAL INVESTIGATION PERTAINING TO THE PROPOSED EXPORT PROCESSING ZONE AT MIRUJAWLA			CLIENT	BOARD OF INVESTMENT OF SRI LANKA	BOREHOLE NO	BH 9
LOCATION	533			CONTRACT NO	30/24233	DEPTH OF HOLE (m)	4.50
DRILLING METHOD	CORE DRILLING			ELEVATION (m) (REFERENCE TO DATUM)	3.00	CHAINAGE / OFFSET	-
CORE SIZE (mm)	B4	CASING SIZE	NX	CO-ORDINATE-S	N	DATE COMMENCED	1/2/2013
VANE SIZE (mm*mm)	-	UIDS SAMPLER SIZE (mm)	-		E	DATE COMPLETED	1/2/2013

DEPTH (m)	ELEVATION (m RL)	LAYER THICKNESS (m)	SAMPLE TYPE	SAMPLE NO.	SOIL PROFILE			SOIL DESCRIPTION	STRATA	LEGEND	DWL	Y - (mm)	OTHER TESTS	DEPTH TESTED (m)	STANDARD PENETRATION TEST DATA			MOISTURE CONTENT - %		UNDRAINED SHEAR STRENGTH - kN/m ²	SPT RESISTANCE - Blows/30 cm
					NUMBER OF BLOWS										15	30	45	60	75		
					PER 15cm	FOR 30cm	FOR 45cm								1	2	3				
0.00	3.00				GROUND LEVEL																
0.10	0.90	0.80					SAND, brown, fine to medium sand grains, poorly graded, LOOSE	SP													
1.00			X				SILTY CLAY, grey with traces of sand, high plastic, FIRM, moist	CL/CH						1.00	3	3	4	7			
2.00			X											2.00	3	3	3	6			
2.75	0.25	1.95					CLAYEY SAND, grey brown, MEDIUM DENSE, moist	SC													
3.00			X											3.00	6	9	9	16			
3.75	0.75	0.05					SILTY SAND, grey brown, fine to medium sand grains with traces of clay, VERY DENSE, moist	SM													
4.00	1.00	0.05					SILTY SAND, grey, medium to coarse sand grains, VERY DENSE, moist (completely weathered rock)	SM							4.00	30	20	33/11	>50	Refusal to penetration	
4.50	1.50	0.10					Borehole terminated at 4.50m depth														

<ul style="list-style-type: none"> — Natural moisture content, Atterberg Limits (LL, PL) — SPT 'N' blowcount — Vane shear strength, peak — Vane shear strength, residual 	<ul style="list-style-type: none"> — Wet unit weight ○ Gravel Analyses U - Unconfined compression CU - Consolidated undrained triaxial 	<ul style="list-style-type: none"> W - Wash sample SPT - SPT Sample ☐ - Undisturbed sample X - Disturbed Sample 	Drilled By: PSR Logged By: JU Date: 07/02/2013 Checked By: JU
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LOG OF BOREHOLE



NATIONAL BUILDING RESEARCH ORGANISATION
 GEOTECHNICAL ENGINEERING DIVISION
 99/1, Jawaffa Road, Colombo 05.

SHEET NO.
1 of 1

PROJECT	GEOTECHNICAL INVESTIGATION PERTAINING TO THE PROPOSED EXPORT PROCESSING ZONE AT MIRLIJAWILA		CLIENT	BOARD OF INVESTMENT OF SRI LANKA	BOREHOLE NO	BH 10	
LOCATION			CONTRACT NO	30/24233	DEPTH OF HOLE (m)	3.40	
DRILLING METHOD	CORE DRILLING		ELEVATION (m)	11.00	CHAINAGE / OFFSET	-	
CORE SIZE (mm)	54	CASING SIZE	NX	CO-ORDINATES	N	DATE COMMENCED	22/2013
VANE SIZE (mm*mm)		UCS SAMPLER SIZE (mm)			E	DATE COMPLETED	22/2013

DEPTH (m)	ELEVATION (m)	LAYER THICKNESS (m)	SAMPLE TYPE	SAMPLE NO.	SOIL PROFILE				STRAVA	LEGEND	GWL	W - (g/cm ³)	OTHER TESTS	DEPTH TESTED (m)	STANDARD PENETRATION TEST DATA			MOISTURE CONTENT - %		UNDRAINED SHEAR STRENGTH - kN/m ²	SPT RESISTANCE - Blows/30 cm	
					SOIL DESCRIPTION			NUMBER OF BLOWS PER 15cm							16	20	40	60				
					1	2	3	1							2	3	20cm	30cm				
0.00	11.20				GROUND LEVEL																	
0.90	10.40	0.90			SILTY SAND, dark brown, fine to medium sand grains, LOOSE, moist				SM													
1.90			X		CLAYEY SAND, dark brown, medium to coarse sand grains, MEDIUM DENSE, moist				SC				1.00	7	10	7	17					
2.90			X		SILTY SAND, brown mottled with dull white, fine to medium sand grains, MEDIUM DENSE, moist (completely weathered rock)				SM				2.00	8	17	20	37					
3.40	7.80	0.40	X		SILTY SAND, grey, fine to medium sand grains, micaceous, VERY DENSE, moist (completely weathered rock)				SM				3.00	21	39	-	>10					
4.00					Borehole terminated at 3.40m depth																	

<ul style="list-style-type: none"> — Natural moisture content, Atterberg Limits (LL, PL) ▲ SPT IV blowfall — Vane shear strength, peak --- Vane shear strength, residual 	<ul style="list-style-type: none"> • Wet unit weight G - Grains Analysis U - Unconfined compression CU - Consolidated undrained triaxial 	<ul style="list-style-type: none"> W - Wash sample SPT - SPT Sample ☐ Undisturbed sample ☒ Disturbed Sample 	Drilled By: PSN Logged By: JU Date: 07/02/2013 Checked By: JU
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CONCEPTUAL LAYOUT PLAN OF PROPOSED MIRIJAWILA EXPORT PROCESSING ZONE
(EXPANSION OF MIRIJAWILA INDUSTRIAL PARK)



Legend:
- Borehole Location
Not to Scale

Figure (1).— Borehole Locations - Proposed Export Processing Zone at Mirijawila