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Buyer Organisation: Dubai Municipality

Overview

RFQ/RFP Code	rfq_247794
Title	TF-06-C1_Construction Of Stormwater Pond Connecting Al Maktoum Airport and Dubai South
Description	The project includes construction of proposed stormwater detention pond as part of overall stormwater drainage system of DS306 Stormwater Drainage System in the Jebel Ali and Developers Areas project. The project aims to provide stormwater attenuation facility which will store the stormwater runoff generated from upstream catchments such as Al Maktoum International (AMI) Airport, Dubai South and Dubai Industrial City (DIC). The works include construction of proposed stormwater pond including but not limited to site clearance, excavation or filling, inlet and outlet structures, CFD modelling for structures and required adjustments, penstock and flow control systems including all civil and electrotechnical works, subsurface drainage system, energy dissipation arrangements, lining for pond, fence, gates, access and peripheral road for pond etc
Status	Running

RFQ/RFP Settings

Online Response Required:	Yes
Event Currency	AED
RFQ/RFP Publication	12/10/2026 14:03
Closing	05/11/2026 08:00:00
Time Limit for Expressing Interest	05/11/2026 08:00:00
Awarding Strategy	Best Score

Additional Information

Section	Section Description
Tender Bond	

Title	Description	Value Assigned by Buyer
Tender Bond Amount	Tender Bond Amount	6,000,000

Type of Invitation	Type of Invitation	Contractors
Invitation Letter	Invitation Letter	 Invitation letter.pdf 455 KB

Section	Section Description
PO Details	

Title	Description	Value Assigned by Buyer
PO Number	PO Number	

Attachments

Path	Description	Folder Size
root (0)		0 KB
The Directory is empty		

Path	Description	Folder Size
root/Tender Documents (0)		0 KB
The Directory is empty		

Path		Description	Folder Size	
root/Tender Documents/Volume 1 – Tender & Contract Conditions (2)			15,136 KB	
Filename	Downloadable	Last Modification Date	Description	File Size
TF-06–C1 ISMS External Party Risk Assessment Form V 1.0.xlsx	Yes	09/10/2026		107 KB
TF-06–C1 Volume 1 – Tender & Contract Conditions.pdf	Yes	09/10/2026		15,029 KB

Path		Description	Folder Size	
root/Tender Documents/Volume 2 – Specifications (2)			49,856 KB	
Filename	Downloadable	Last Modification Date	Description	File Size
TF-06-C1 Volume 2 – Part 2A Standard Specifications.pdf	Yes	09/10/2026		44,599 KB
TF-06-C1 Volume 2 – Part 2B Particular Specifications.pdf	Yes	09/10/2026		5,258 KB

Path		Description	Folder Size	
root/Tender Documents/Volume 3 – BOQ (1)			1,231 KB	
Filename	Downloadable	Last Modification Date	Description	File Size

Filename	Downloadable	Last Modification Date	Description	File Size
TF-06-C1_Volume 3 Pond_BoQ.pdf	Yes	09/10/2026		1,231 KB
Path		Description	Folder Size	
root/Tender Documents/Volume 4 - Drawings (1)			56,558 KB	
Filename	Downloadable	Last Modification Date	Description	File Size
TF-06-C1 Volume 4 Drawings.pdf	Yes	09/10/2026		56,558 KB
Path		Description	Folder Size	
root/Tender Documents/Volume 5 - Soil Investigation Report (1)			280,408 KB	
Filename	Downloadable	Last Modification Date	Description	File Size
TF-06-C1 Volume 5 - Soil Investigation Report .pdf	Yes	09/10/2026		280,408 KB

Envelopes

Qualification Envelope	Yes
Technical Envelope	Yes
Commercial Envelope	Yes

Qualification Envelope

General Attachments
Not Allowed

Contact Details

Question	Description	Question Type
Contact Person Name	Please Enter Contact Person Name	Text
Contact Number	Please Enter a Direct / Mobile Contact Number	Text

Code of Conduct

Question	Description
Code of Conduct	على جميع الموردين الالتزام بمدونة مبادئ السلوك أثناء عملية إعداد وتقديم العروض والمقترحات أو أي إجراءات ذات علاقة مع البلدية وتعتبر جزء من الشروط العامة All suppliers must adhere to the Code of Conduct during the process of preparing and submitting offers and proposals or any procedures related to the municipality and are considered part of the general conditions.

NDA

Question	Description
CONFIDENTIAL DISCLOSURE AGREEMENT	على جميع الموردين الالتزام بتوقيع نموذج عدم الإفشاء (NDA) أثناء عملية إعداد وتقديم العروض مع البلدية وأرفاقه مع العرض المقدم وتعتبر جزءاً من الشروط العامة All suppliers are obligated to sign a non-disclosure Agreement (NDA) during the process of preparing and submitting offers with Dubai Municipality and attached with the submitted offer form part of the general conditions

Tender Bond

Question	Description
Tender Bond Form 2020	الضمان الابتدائي

Performance Bank Guarantee

Question	Description
Performance Bank Guarantee Form 2020	الضمان النهائي

Trade License

Question	Description	Question Type
Trade License Classification	Please specify your Trade License type if its Local	Option List
Trade License Classification	If No please specify	Text

Sustainability

Question	Description
Sustainable Policy	سياسة الشراء المستدام
Criteria to evaluate DM suppliers' commitment to apply sustainability	معايير تقييم التزام موردي بلدية دبي بتطبيق الاستدامة

قانون رقم (12) لسنة 2020 بشأن العقود وإدارة المخازن في حكومة دبي

Question	Description
قانون رقم (12) لسنة 2020	يرجى الاطلاع على القانون المستند عليه في إجراءات التعاقد في حكومة دبي
LAW (12) for the year 2020	Please find the attached Contracts and Warehouse Management in the Government of Dubai LAW 12 for the year 2020 that Dubai government uses as a reference in their contractual procedure

Information Security

Question	Description
Information Security Article	وثيقة اشتراطات أمن المعلومات

إجراءات التظلم

Question	Description
إجراءات التظلم من القرارات الصادرة أستناداً لقانون العقود وإدارة المخازن في حكومة دبي	عزيزي المورد في حال رغبتكم تقديم تظلم عن الإجراءات والجزاءات التعاقدية المتخذة بحقكم، يمكنكم تقديم خطاب تظلم مع المستندات الداعمة للجنة المختصة وذلك خلال 30 يوم من تاريخ علمكم بالإجراءات المتخذة بحقكم cgc@dm.gov.ae من خلال البريد الالكتروني

Civil Engineering Construction

Question	Description
الشروط العامة - شروط بلدية دبي لعقد أشغال إنشاءات General Conditions - Dubai Municipality Conditions of Contract for Works of Civil Engineering Construction	يرجى الإطلاع على الشروط العامة للعقد وهي شروط بلدية دبي لعقد أشغال إنشاءات الهندسة المدنية، الجزء الأول - الشروط العامة، 20 مايو 1999 Please find attached the General Conditions of Dubai Municipality Conditions of Contract for Works of Civil Engineering Construction, Part I - General Conditions of May 20, 1999

Technical Envelope

General Attachments
Allowed

Technical Proposal

Question	Description	Question Type
أهلية المقاول	الرخصة التجارية تتضمن الأنشطة المرتبطة بنوع المشروع	Attachment
أهلية المقاول	تقديم تقرير رواتب موظفي الشركة مصدق من وزارة العمل خلال آخر 6 أشهر	Attachment
أهلية المقاول	الجهاز الفني المقترح للمشروع (مدير المشروع، مدير التنفيذ، مهندس الموقع، مهندس (الكهرباء، ميكانيك، مساح الكميات، المساح، المراقبين، الخ ملاحظة : تحدد الإدارة الفنية الكادر المطلوب وتوزيع الدرجات حسب طبيعة وأحجم المشروع	Attachment

	ملاحظة : تحدد الإدارة الفنية الكادر المطلوب وتوزيع الدرجات حسب طبيعة أوجهم المشروع	
أداء المقاول	سجل الشركة التعاقدية في حسن الأداء لدى البلدية في آخر 10 سنوات (سحب مشاريع، وجود منازعات وقضايا تحكيم أو أمام القضاء) عدم (سحب مشاريع، أو وجود منازعات وقضايا أمام القضاء أو التحكيم) أو مورد جديد 2 درجة إذا جرى (سحب مشاريع، وجود منازعات وقضايا تحكيم أو أمام القضاء) 0 درجة	Attachment
أداء المقاول	الانطباع العام عن مدى التزام المقاول بمتطلبات التقديم وإدراج الوثائق الداعمة ممتاز 5 درجات جيد جداً 3 درجات جيد 1 درجة	Attachment
أداء المقاول	تطبيق المورد لمنظومة إدارية (جودة - صحة وسلامة - بيئة - غيرها) وفق متطلبات مواصفة دولية وحصوله على شهادة مطابقة معها (مثل مواصفات الايزو أو المواصفات الأوروبية أو البريطانية) وجود شهادة مطابقة مع مواصفة دولية مجددة 3 درجات وجود شهادة مطابقة مع مواصفة دولية غير مجددة 2 درجتان عدم وجود شهادة مطابقة مع مواصفة دولية صفر	Attachment
أداء المقاول	اثبات التعامل مع مصنعين محليين من إمارة دبي عن طريق المقاوله من الباطن	Attachment
أداء المقاول	(SME) الشركات أعضاء مؤسسة محمد بن راشد لتنمية المشاريع الصغيرة والمتوسطة عن(SME) أو إثبات الدعم لأعضاء مؤسسة محمد بن راشد لتنمية المشاريع الصغيرة والمتوسطة طريق المقاوله من الباطن	Attachment
أداء المقاول	متوسط تقييم المقاول لدى إدارة العقود والمشتريات A درجات اذا التقييم 5 B درجات اذا التقييم 3 C درجات اذا التقييم 2 D درجات اذا التقييم 0 درجة اذا لا توجد مشاريع سابقة 1	Attachment
الوضع المالي للمقاول	سجل الشركة المالي في حسن الأداء من خلال تقديم تقرير حسابات معتمد من مكتب (حسابات معتمد في آخر 5 سنوات (لكل سنة درجة	Attachment
الوضع المالي للمقاول	تقييم شركة الاتحاد للتقييم الائتماني درجات 900-746 درجات 745-711 درجات 710-651 درجة 650 - 541	Attachment
الوضع المالي للمقاول	متوسط حجم المشاريع السنوي خلال آخر 5 سنوات بالدرهم ملاحظة: يعتمد على موازنة المشروع قيد التقييم المتوسط ≤ 300 مليون 5 درجات مليون $\geq$ المتوسط > 300 مليون 3 درجات مليون $\geq$ المتوسط > 200 مليون 2 درجتان المتوسط > 100 مليون 1 درجة	Attachment
خبرات المقاول	(الخبرات العامة (سنة تأسيس الشركة، المشاريع المنفذة أو قيد التنفيذ	Attachment
خبرات المقاول	الخبرات المتخصصة (تنفيذ مشروعين مشاهيرين من حيث الطبيعة الفنية للمشروع في آخر 5 سنوات) بأداء جيد مشروعين 10 درجات مشروع 5 درجات	Attachment
خبرات المقاول	(الخبرات في إدارة الأمن والسلامة (إدارة الأمن والسلامة لمشروعين متشابهين تحقيق متطلبات الاستدامة والبيئة والصحة والسلامة المهنية مشروعين 5 درجات مشروع 2.5 درجات	Attachment
منهجية العمل	البرنامج الزمني	Attachment
منهجية العمل	التدفق المالي الشهري	Attachment
منهجية العمل	خطة إدارة العمالة	Attachment
منهجية العمل	خطة إدارة المواد والتوريدات	Attachment
المعدات	تقديم قائمة المعدات اللازمة لتنفيذ المشروع (ملك أو استئجار): مثل رافعة بارجة، حفار، خلاطة خرسانة، شوبل، مدحلة، شاحنة نقل..الخ	Attachment

Commercial Envelope

General Attachments
Allowed

VAT Registration Details

Question	Description	Question Type
DM – Registration Number	Kindly insert your DM Registration Number	Text
DM – VAT Registration Number	Kindly insert your company VAT Registration Number	Text
DM – VAT Certificate	Kindly upload a copy of your company VAT registration certificate	Attachment
DM – VAT Exempt Evidence	If your company is exempted from VAT, kindly provide any evidence document	Attachment

Tender Bond

Question	Description	Question Type
Tender Bond Copy	Please attach a copy of the Tender Bond here.	Attachment
Tender Bond Expiry	Please insert the Tender Bond Expiry date here.	Date
Tender Bond Hard Copy	يسلم أصل الشيك فقط في المبنى الرئيسي لبلدية دبي -مكتب الاستقبال - الطابق الأرضي -إدارة الشؤون المالية والإيرادات وعلى المناقص تحميل نسخة من الضمان أو الشيك من خلال نظام التوريد الإلكتروني لحكومة دبي قبل يوم واحد على الأقل من الموعد المحدد لإغلاق المناقصة Only the original Cheque shall be delivered to Financial Affairs and Revenue Department –Ground Floor- reception counter – located at Dubai Municipality headquarters. In addition to that, bidders are required to upload the copy of Tender Bond/Cheque into e Supply System at least one day before closing date.	
Tender Bond amount	قيمة ضمان المناقصة: مبلغ مقطوع كما هو محدد في دعوة العطاء Tender bond amount: lump sum amount as mentioned in invitation letter	

Preambles

Question	Description	Question Type
Preamble	Please confirm herein that you have read, understood and comply by the attached "Preamble"	Yes/No Value

Code	Description			
Note	Contractual Requirements			
A	Performance Security Note: Bidder is not required to price this item; the amount will be calculated automatically according to the equations in the Grand Summary and will be included in the Bidder's total price. All conditions and requirements mentioned in the Preamble shall apply. Performance security amount = $0.3\% \times (\text{number of quarters of construction period including DLP}) \times (\text{bidder price}) \times 10\%$ (performance security amount) Refer Preamble Clause b/6/E			
B	Insurance of the Works Note: Bidder is not required to price this item; the amount will be calculated automatically according to the equations in the Grand Summary and will be included in the Bidder's total price. All conditions and requirements mentioned in the Preamble shall apply. The insurance of work amount = 0.15% of the bidder price. Refer Preamble Clause b/7/A			
Code	Description	Remarks	Unit of Measurement	Quantity
C	Third Party Liability Insurance	A130	Sum	1
D	Workmen's Compensation Insurance	A130	Sum	1
Code	Description			
Note	Specified Requirements			
Note	Accommodation for the Engineer's Staff			
Code	Description	Remarks	Unit of Measurement	Quantity
E	Establishment of offices for the Engineer's Staff	A211	Sum	1
F	Maintenance of offices for the Engineer's Staff	A211	Day	730
G	Removal of offices for the Engineer's staff	A211	Sum	1
Code	Description			
Note	Services for the Engineer's Staff			
Code	Description	Remarks	Unit of Measurement	Quantity
H	Four-wheel drive AC pickup vehicle with driver & fuel for Laboratory Testing	A221.2	Day	730
J	Telephone, telefax and internet facilities	A222	Day	730
K	Set of progress photographs	A229	Month	24
Code	Description			
Note	Equipment for use by the Engineer's staff			
Code	Description	Remarks	Unit of Measurement	Quantity
L	Establishment of office equipment	A231	Sum	1
M	Maintenance of office equipment	A231	Day	730
N	Removal of office equipment	A231	Sum	1
P	Establishment of surveying equipment (prior specific approval from Engineer to be obtained)	A233	Sum	1

	approval from Engineer to be obtained)			
Q	Maintenance of surveying equipment	A233	Day	730
R	Removal of surveying equipment	A233	Sum	1
Code	Description			
Note	Attendance upon the Engineer's staff			
Code	Description	Remarks	Unit of Measurement	Quantity
S	Chainmen	A262	Day	1,460
T	Office Assistant	A269	Day	730
TCO				
Section total included in total?				No

GENERAL ITEMS – Page d/1/2

Code	Description			
Note	Specified Requirements (cont'd)			
Note	Testing			
Note	Testing of Materials			
Note	Arrange and carry out all specified tests and trails to materials including all necessary provision of samples for the following items all in accordance with Specification			
Code	Description	Remarks	Unit of Measurement	Quantity
A	All testing related to Part 4 – Stormwater Drainage Pond	A250	Sum	1
Code	Description			
Note	Testing of Works			
Note	All tests and trials to completed sections of the Works for the following items all in accordance with the Specification			
Code	Description	Remarks	Unit of Measurement	Quantity
B	All testing related to Part 4 – Stormwater Drainage Pond	A260	Sum	1
Code	Description			
Note	Temporary Works			
Code	Description	Remarks	Unit of Measurement	Quantity
C	Traffic diversions	A271	Sum	1
D	Traffic Management, safety & Control	A272	Sum	1
E	Protection and upkeep of site, adjacent areas and properties	A279	Sum	1
F	Tidying and cleaning the site	A279	Sum	1

F	Tidying and cleaning the site	A279	Sum	1
G	Cover and barricade open excavations and other hazards including provision & maintenance of warning lamps and signs	A279	Sum	1
H	Protection of all existing services including crossings and coordination with the relevant authorities	A279	Sum	1
Code	Description			
Note	Project Sign Board			
Code	Description	Remarks	Unit of Measurement	Quantity
J	Erection of Project Sign Board, as detailed	A279	nr	2
K	Maintenance	A279	Day	730
L	Removal	A279	nr	2
TCO				
Section total included in total?				No

GENERAL ITEMS – Page d/1/3

Code	Description			
Note	Method Related Charges			
A	Accommodation and buildings for the Contractor			
Code	Description	Remarks	Unit of Measurement	Quantity
A-1	Establishment (fixed)	A31*	Sum	1
A-2	Maintenance (time-related)	A31*	Day	730
A-3	Removal (fixed)	A31*	Sum	1
Code	Description			
B	Services			
Code	Description	Remarks	Unit of Measurement	Quantity
B-1	Establishment (fixed)	A32*	Sum	1
B-2	Maintenance (time-related)	A32*	Day	730
B-3	Removal (fixed)	A32*	Sum	1
Code	Description			
C	Plant			
Code	Description	Remarks	Unit of Measurement	Quantity
C-1	Establishment (fixed)	A33*	Sum	1
C-2	Maintenance (time-related)	A33*	Day	730
C-3	Removal (fixed)	A33*	Sum	1

C-3	Removal (fixed)	A33*	Sum	1
Code	Description			
D	Plant			
Code	Description	Remarks	Unit of Measurement	Quantity
D-1	Establishment (fixed)	A34*	Sum	1
D-2	Maintenance (time-related)	A34*	Day	730
D-3	Removal (fixed)	A34*	Sum	1
TCO				
Section total included in total?				No

GENERAL ITEMS – Page d/1/4

Code	Description			
Note	Method Related Charges (cont'd)			
A	Temporary Works			
Code	Description	Remarks	Unit of Measurement	Quantity
A-1	Establishment (fixed)	A35*	Sum	1
A-2	Maintenance (time-related)	A35*	Day	730
A-3	Removal (fixed)	A35*	Sum	1
Code	Description			
B	Temporary Works			
Code	Description	Remarks	Unit of Measurement	Quantity
B-1	Establishment (fixed)	A36*	Sum	1
B-2	Maintenance (time-related)	A36*	Day	730
B-3	Removal (fixed)	A36*	Sum	1
Code	Description			
C	Management, Supervision & Labour			
Code	Description	Remarks	Unit of Measurement	Quantity
C-1	Establishment (fixed)	A37*	Sum	1
C-2	Maintenance (time-related)	A37*	Day	730
C-3	Removal (fixed)	A37*	Sum	1
D	Compliance with the Conditions of Contract and Specification	A990	Sum	1

E	Allow for all cost associated cost for liaising, coordinating with all interfacing parties and third parties, obtain all necessary NOC's, permits and approvals from all concerned authorities and shall comply with conditions of such permits Including all fees, temporary land leases, costs, bonds and expenses etc.	A990	Sum	1
TCO				
Section total included in total?				No

GROUND INVESTIGATION – Page d/2/1

Code	Description			
Note	Trial Trenches			
Note	Excavation of trial trenches by hand to locate services, in material other than rock at proposed locations & as approved by Engineer, at locations of new manholes/Chambers or at other locations, as instructed by the Engineer including preparation of record details as specified and reinstatement of any local surface conditions (necessary trial excavations between manholes on gravity line are deemed to be included in the pipeline excavation rates).			
Note	Number in material other than rock, maximum length of trench 5 m.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Maximum depth not Exceeding 1 m.	B111	nr	3
B	Maximum depth 1 – 2 m.	B112	nr	3
C	Maximum depth 2 – 3 m.	B113	nr	2
Code	Description			
Note	Depth in Meter			
Code	Description	Remarks	Unit of Measurement	Quantity
D	Depth in material other than rock.	B130	m	15
E	Depth supported	B150	m	6
F	Depth backfilled with excavated material	B160	m	15
Code	Description			
Note	Number in material other than rock, maximum length of trench 5 – 10 m.			
Code	Description	Remarks	Unit of Measurement	Quantity
G	Maximum depth not Exceeding 1 m.	B111	nr	10
H	Maximum depth 1 – 2 m.	B112	nr	10
J	Maximum depth 2 – 3 m.	B113	nr	12
Code	Description			
Note	Depth in Meter			
Code	Description	Remarks	Unit of Measurement	Quantity
K	Depth in material other than rock.	B130	m	66
L	Depth supported	B150	m	36

M	Depth backfilled with excavated material	B160	m	66
TCO				
Section total included in total?				No

DEMOLITION AND SITE CLEARANCE – d/3/1

Code	Description	Remarks	Unit of Measurement	Quantity
A	General Clearance	D100	Ha	136
Code	Description			
Note	(To be executed to the extent as instructed by the Engineer)			
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/1

Code	Description			
Note	DRAINAGE POND			
Note	Construction of Drainage Pond including earthwork, preparation of multilevel formations and slopes as per the profile, surface preparation and compaction, disposal to approved tip, Reno mattress in layers as specified filled with boulders/stones of specified size, non woven geotextile, geosynthetic clay liner, riprap slope protection to pond embankment, toe drain,			
Note	sub-surface drainage, access road, peripheral road, fence and associated works all complete as per the drawings, specification and as directed by the engineer complying with Dubai Municipality Standard Specifications & Requirements.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Carry out necessary groundwater and geotechnical studies for the proposed pond and associated design works such as cut and fill slopes, slope stabilization studies, subsurface drainage networks, slope protection works etc. and verification of proposed construction works and identification of required modifications, for Engineer's review and approval.	X900	sum	1
Code	Description			
Note	EARTHWORKS			
Note	Excavation for cuttings			
Code	Description	Remarks	Unit of Measurement	Quantity
B	General excavation in any material to required level, including trimming/ preparation of horizontal and slopes of excavated areas, maximum depth to formation not exceeding 25 m.	E298	m ³	7,821,065

Code	Description			
Note	Excavation Ancillaries			
Code	Description	Remarks	Unit of Measurement	Quantity
C	Disposal of excess excavated materials to approved tip	E539	m ³	7,724,582
Code	Description			
Note	Filling			
Code	Description	Remarks	Unit of Measurement	Quantity
D	Filling of embankment with selected excavated material	E639	m ³	96,483
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/2

Code	Description			
Note	STORM DETENTION POND SUB-SURFACE DRAINAGE			
Note	uPVC PIPES			
Note	uPVC Slotted pipes laid and jointed in trench			
Note	DN 315mm			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Depth to invert not exceeding 1.5m	I 532	m	3,169
B	Depth to invert 1.5m to 2.00m	I 533	m	7,391
C	Depth to invert 2m to 2.5m	I 534	m	6,043
D	Depth to invert 2.5m to 3m	I 535	m	3,407
E	Depth to invert 3m to 3.5m	I 536	m	308
F	Depth to invert 3.5m to 4m	I 537	m	1,259
G	Depth to invert 4m to 4.5m	I 538	m	1,140
H	Depth to invert 4.5m to 5m	I 538	m	1,080
J	Depth to invert 5m to 5.5m	I 538	m	949
K	Depth to invert 5.5m to 6m	I 538	m	466
Code	Description			
Note	GRP PIPES			
Note	GRP pipes laid and jointed in trench			
Note	DN 500mm			

Code	Description	Remarks	Unit of Measurement	Quantity
L	Depth to invert 2.5m to 3m	I 635	m	410
M	Depth to invert 3m to 3.5m	I 636	m	105
Code	Description			
Note	DN 600mm			
Code	Description	Remarks	Unit of Measurement	Quantity
N	Depth to invert 1.5m to 2.00m	I 633	m	205
P	Depth to invert 2m to 2.5m	I 634	m	308
Q	Depth to invert 2.5m to 3m	I 635	m	67
Code	Description			
Note	DN 700mm			
Code	Description	Remarks	Unit of Measurement	Quantity
R	Depth to invert 2m to 2.5m	I 644	m	359
S	Depth to invert 2.5m to 3m	I 645	m	205
Code	Description			
Note	DN 800mm			
Code	Description	Remarks	Unit of Measurement	Quantity
T	Depth to invert 2.5m to 3m	I 645	m	461
U	Depth to invert 3m to 3.5m	I 646	m	103
Code	Description			
Note	DN 900mm			
Code	Description	Remarks	Unit of Measurement	Quantity
V	Depth to invert 3m to 3.5m	I 646	m	513
W	Depth to invert 3.5m to 4m	I 647	m	160
X	Depth to invert 4m to 4.5m	I 648	m	99
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/3

Code	Description
Note	STORM DETENTION POND SUB-SURFACE DRAINAGE (CONT'D)
Note	Pipework – Fittings and Valves
Note	uPVC fittings

Note	Straight Specials as rocker pipes (slotted)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	315 mm dia, minimum 450 mm long	J483	nr	980
Code	Description			
Note	GRP Fittings			
Note	Straight Specials as rocker pipes			
Code	Description	Remarks	Unit of Measurement	Quantity
B	500 mm dia., minimum 750 mm long	J583	nr	21
C	600 mm dia., minimum 900 mm long	J583	nr	23
D	700 mm dia., minimum 1050 mm long	J584	nr	23
E	800 mm dia., minimum 1200 mm long	J584	nr	23
F	900 mm dia., minimum 1350 mm long	J584	nr	31
Code	Description			
Note	Pipework – Manholes and Pipework Ancillaries			
Note	As per Tender Drawings			
Note	Reinforced concrete cleanout chambers, in open cut, with light duty cast iron cover and frame.			
Note	On pipe dia 315mm uPVC (at beginning of lines)			
Code	Description	Remarks	Unit of Measurement	Quantity
G	Depth to invert not exceeding 1.5m	K131	nr	32
H	Depth to invert 1.5m to 2.0m	K132	nr	30
J	Depth to invert 2.0m to 2.5m	K133	nr	33
K	Depth to invert 2.5m to 3.0m	K134	nr	8
Code	Description			
Note	On pipe dia 315mm uPVC (at continuous lines)			
Code	Description	Remarks	Unit of Measurement	Quantity
L	Depth to invert not exceeding 1.5m	K131	nr	53
M	Depth to invert 1.5m to 2.0m	K132	nr	124
N	Depth to invert 2.0m to 2.5m	K133	nr	93
P	Depth to invert 2.5m to 3.0m	K134	nr	40
TCO				
Section total included in total?				No

Code	Description
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Note	STORM DETENTION POND SUB-SURFACE DRAINAGE (CONT'D)			
Note	Pipework – Manholes and Pipework Ancillaries			
Note	As per Tender Drawings and DM Standard Detail No.501–518 and 704–708 (inclusive)			
Note	Reinforced concrete manholes, in open cut, with heavy duty ductile iron cover and frame and GRP sealing plate or grated cover and frame			
Note	Type H (Standard) (on pipe dia 250–600mm)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Depth to invert 1.5m to 2.00m	K132	nr	10
B	Depth to invert 2m to 2.5m	K133	nr	6
C	Depth to invert 2.5m to 3m	K134	nr	13
D	Depth to invert 3m to 3.5m	K135	nr	7
E	Depth to invert 3.5m to 4m	K136	nr	9
Code	Description			
Note	Type I (Standard) (on pipe dia 250–600mm)			
Code	Description	Remarks	Unit of Measurement	Quantity
F	Depth to invert 3.5m to 4m	K136	nr	5
G	Depth to invert 4m to 4.5m	K137	nr	12
H	Depth to invert 4.5m to 5m	K137	nr	12
J	Depth to invert 5m to 5.5m	K137	nr	14
K	Depth to invert 5.5m to 6m	K137	nr	5
Code	Description			
Note	Type J (Standard) (on pipe dia 700–900mm)			
Code	Description	Remarks	Unit of Measurement	Quantity
L	Depth to invert 2m to 2.5m	K133	nr	8
M	Depth to invert 2.5m to 3m	K134	nr	12
N	Depth to invert 3m to 3.5m	K135	nr	12
P	Depth to invert 3.5m to 4m	K136	nr	4
Q	Depth to invert 4m to 4.5m	K137	nr	1
TCO				
Section total included in total?				No

Code	Description
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Note	STORM DETENTION POND SUB-SURFACE DRAINAGE (CONT'D)			
Note	Pipework – Supports and Protection, Ancillaries to Laying and Excavation			
Note	Beds and Surrounds			
Note	Imported granular material bed and surrounds to pipes including warning tape etc. as specified			
Code	Description	Remarks	Unit of Measurement	Quantity
A	315 mm dia (min. 0.67 m3/m)	L533	m	25,212
B	500 mm dia (min. 1.05 m3/m)	L533	m	515
C	600 mm dia (min. 1.26 m3/m)	L533	m	580
D	700 mm dia (min. 1.48 m3/m)	L534	m	564
E	800 mm dia (min. 1.71 m3/m)	L534	m	564
F	900 mm dia (min. 1.95 m3/m)	L534	m	772
G	Stone filling / Surround –Imported stone filling material in trench above the slotted pipes up to 300mm below Ground level as specified	L 900	m3	47,861.1008
Code	Description			
Note	Wrapping and Lagging			
Code	Description	Remarks	Unit of Measurement	Quantity
H	315 mm dia	L603	m	25,212
J	500 mm dia	L603	m	515
K	600 mm dia	L603	m	580
L	700 mm dia	L604	m	564
M	800 mm dia	L604	m	564
N	900 mm dia	L604	m	772
P	Enclose Stone filling / Surround –Imported stone filling material in trench above the slotted pipes up to 300mm below Ground level in filter membrane fabric	L 900	m ²	160,098.7
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/6

Code	Description
Note	ROAD AND PAVING
Note	Peripheral Road
Note	Unbonded sub-base; material as per specifications and shown on drawings

Code	Description	Remarks	Unit of Measurement	Quantity
A	150mm thick granular sub-base; CBR $\geq$ 30%	R194	m ²	39,697
B	200mm thick Aggregate sub-base; CBR $\geq$ 30%	R194	m ²	39,697
Code	Description			
Note	Cement and other hydraulically bounded pavements; material as per Specification and shown on drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
C	150mm thick aggregate road base; CBR $\geq$ 80%	R294	m ²	39,697
Code	Description			
Note	Bituminous bound pavements for 6.0m wide Access Road along with 1m wide shoulder on both sides; material as per specifications and shown on drawings including prime coat / tack coat			
Code	Description	Remarks	Unit of Measurement	Quantity
D	50mm thick asphalt concrete wearing course	R392	m ²	39,697
E	60mm thick asphalt concrete base course	R392	m ²	39,697
Code	Description			
Note	Kerb, channels or edging			
Note	Kerbs, Channels, edging, Footways and Paved area as per specification and shown on drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
F	Precast concrete upstand kerb 150 x 305mm; including all earthworks items	R691	m	13,233
Code	Description			
Note	Guard Rail			
Code	Description	Remarks	Unit of Measurement	Quantity
G	Supply and install galvanized mild steel guard rail single face including other associated works as specified and shown on drawings.	X171	m	9,212
Code	Description			
Note	Access Road			
Note	Unbonded sub-base; material as per specifications and shown on drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
H	150mm thick granular sub-base; CBR $\geq$ 30%	R194	m ²	993
J	200mm thick Aggregate sub-base; CBR $\geq$ 30%	R194	m ²	993
Code	Description			

Note	Cement and other hydraulically bounded pavements; material as per Specification and shown on drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
K	150mm thick aggregate road base; CBR $\geq$ 80%	R294	m ²	993
Code	Description			
Note	Bituminous bound pavements for 6.0m wide Access Road along with 1m wide shoulder on both sides; material as per specifications and shown on drawings including prime coat / tack coat			
Code	Description	Remarks	Unit of Measurement	Quantity
L	50mm thick asphalt concrete wearing course	R392	m ²	993
M	60mm thick asphalt concrete base course	R392	m ²	993
Code	Description			
Note	Kerbs, Channels, edging, as per specification and shown on drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
N	Precast concrete upstand kerb 150 x 305mm; including all earthworks items	R691	m	331
P	Precast concrete heel kerb; 75 x 150mm, including all earthworks items	R691	m	331
Q	150mm thick aggregate road base; CBR $\geq$ 80%	R294	m ²	497
R	Precast concrete interlocking block paving 60mm thick; Including 50mm thick sand bed; the colour and patterns of the paving blocks as specified by the Engineer	R692	m ²	497
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/7

Code	Description			
Note	DRAINAGE POND (CONTD.)			
Note	Lining to Pond [GEOWEB/GEOCELL FILLED WITH GRAVEL]			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Supply, assembly and installation of double-diaphragm wire-mesh Reno mattress (2 layers of 300mm thickness) to pond slope protection, filled with boulders/stones, complete as detailed on drawing SWDP-SD-201, specification and instructed by the Engineer.	X900	m ²	1,174,937
B	Riprap slope protection to pond comprising trimming and preparation of formation, complete, as detailed on drawing SWDP-SD-201, specification and instructed by the Engineer.	X900	m ²	127,010

C	Construction of reinforced concrete toe drain complete, as detailed on drawing SWDP-SD-201, specification and instructed by the Engineer	X900	m	6,423
D	Supply and installation non woven geotextile complete including trimming and preparation of formation, compacted sub-grade, as per drawing ref. SWDP SD 201, specification and instructed by the Engineer	X900	m ²	1,301,947
E	Supply and installation geosynthetic clay liner complete including trimming and preparation of formation, compacted sub-grade, as per drawing ref. SWDP SD 201, specification and instructed by the Engineer	X900	m ²	1,174,937
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND- Page d/4/8

Code	Description			
Note	MISCELLANEOUS WORKS			
Note	Fence			
Note	Supply and install chain link with barbed wire fence; Including but not limited to excavation, backfilling, concrete foundation, painting, necessary civil works etc. complete detail as shown in the Drawing (ref. SWDP SD 204) and as per specification.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Supply and install chain link with Barbed wire fence including foundations; height 2.0 to 2.5m	X195	m	6,867
Code	Description			
Note	Access Gate			
Note	Supply and install Double leaf swing gate 6m wide to match chain link fence. Including but not limited to excavation, backfilling, concrete foundation, painting, necessary civil works etc.... complete as detail shown in the Drawing (ref. SWDP SD 204) and as per specification.			
Code	Description	Remarks	Unit of Measurement	Quantity
B	Double leaf swing gate 6m wide to match chain link fence.	X233	nr	2
Code	Description			
Note	Inlet & Outlet structures			
Note	Construct reinforced concrete Inlet & Outlet structures complete with required additional excavation, surface preparation, blinding, reinforced concrete base slabs, walls, upstands & beams, Riprap, reinforcement, formwork, external & internal protection to concrete surfaces, SS316 Protection screen, disposal of excavated materials to approved tip etc. complete as detailed on Drawing Ref. SWDP-SD-205 & SWDP-SD-206 and other related Tender drawings			
Code	Description	Remarks	Unit of Measurement	Quantity
C	Pond Inlet	X900	Sum	1
D	Pond Outlet	X900	Sum	1
TCO				

Section total included in total?	No

STORMWATER DRAINAGE POND – Page d/4/9

Code	Description			
Note	Penstock Chambers/ Overflow Weir & Penstock Chamber			
Note	Construction of Penstock Chambers/ Overflow Weir & Penstock Chamber including CFD analysis, excavation, Reinforced Concrete, formwork, reinforcement bars, backfilling, soil stabilization around chamber with 3m wide interlocked platform at FGL, disposal of surplus material to designated disposal site, internal & external protection, HD-DI Cover & frame with sealing plate,			
Note	SS316 ladder with safety cage, SS316 hand rail, SS316 intermediate landing platforms, SS316 hand hold, SS316 marker plates, fitting, pipe and associated works to plot limit and end cap etc. complete as per specifications and as detailed in the drawings.			
Note	On 4000 mm Dia. Pipe – Inlet chamber (Dwg. Ref. SWDP-SD-205)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Depth to invert 16.0m to 16.5m	K237	nr	1
Code	Description			
Note	On 3000 mm Dia. Pipe – Outlet chamber (Dwg. Ref. SWDP-SD-206)			
Code	Description	Remarks	Unit of Measurement	Quantity
B	Depth to invert 11.0m to 11.5m	K237	nr	1
Code	Description			
Note	Mechanical Works			
Note	Supply and Install rising stem type Mechanical Penstock complete with electric actuator, SS support, Polypropylene protective stem tube, frame/door in SS Super-Duplex material, complete with GRP enclosure kiosk, SS skid, sand trap louvers, testing & commissioning (FAT & SAT) etc. complete as per specifications.			
Code	Description	Remarks	Unit of Measurement	Quantity
C	For 4000 mm Dia. Pipe – Inlet chamber	X900	Nr	1
D	For 3500 mm Dia. Pipe – Outlet chamber	X900	Nr	2
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/10

Code	Description
Note	Electrical & ICA Works

Note	Coordination, liaison, and obtaining approvals with DEWA. Supply and installation of DEWA metering panel and electrical panel (Form 4B – Type 7, 50kA @ 1 sec) complete with incomers (DEWA and Generator), PMUs, capacitor panel (as required), and MCC (incomers, feeders for penstock actuator / DB, starters, and spares etc.)			
Note	The scope includes LCS, isolators, JB, DB, indoor and outdoor lighting, emergency lights, small power, switches, sockets, split AC units with Heresite coating, AC duty/standby control panels, fire alarm system, clean agent fire suppression system, ducts and sleeves, cable mechanical transit system, cable containment system, cable draw pits with heavy-duty covers,			
Note	earthing and lightning protection systems, cabling (power, control communication), and all necessary accessories. complete with testing and commissioning, including FAT and iSAT etc. complete all in accordance with project specifications at following locations.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Detention pond – Inlet chamber and Penstock chamber (DS3–C2–24)	X900	Sum	1
B	Detention pond – Outlet chamber	X900	Sum	1
Code	Description			
Note	Supply and installation of walkable GRP kiosk (IP55) of sufficient sized to accommodate all specified and required equipment, (not limited to online WQA system, MCC, cap. panel, AC-UPS, RTU system etc. complete) double skin, three point lockable door, SS skid frame with reinforced concrete foundation / cable trench,			
Note	soil stabilization around GRP kiosk with 3m wide interlocked platform at FGL, GI chequered cover, panel mounting frame, electrical rubber insulating mats (IEC 61111) and kiosk integrity testing etc. complete at following locations.			
Code	Description	Remarks	Unit of Measurement	Quantity
C	Detention pond – Inlet chamber and Penstock chamber (DS3–C2–24)	X900	Sum	1
D	Detention pond – Outlet chamber	X900	Sum	1
Code	Description			
Note	Supply and installation of AC UPS system complete with NiCd battery cabinet exhaust fan, duct as per contract specification for 4 hour autonomy complete testing & commissioning (FAT & SAT) etc. complete as per specifications at following locations.			
Code	Description	Remarks	Unit of Measurement	Quantity
E	Detention pond – Inlet chamber and Penstock chamber (DS3–C2–24)	X900	Sum	1
F	Detention pond – Outlet chamber	X900	Sum	1
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND– Page d/4/11

Code	Description
Note	Miscellaneous work (Cont.)
Note	Supply and installation of an ISA Secure RTU/IPC cabinet system featuring redundant CPUs, power supply units, communication cards, M2M GSM modem, and Ethernet switches, complete with licensed software for programming and configuration of the RTU and IPC. Configuration and integration of the system (inlet, outlet and DS3–C2–2 penstock chamber)

Note	at the DM Central SCADA system and one engineer station comprising of rugged laptop. The scope includes comprehensive testing and commissioning, including FAT and iSAT, all in accordance with project specifications at following locations.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Detention pond – Inlet chamber and Penstock chamber (DS3-C2-24)	X900	Sum	1
B	Detention pond – Outlet chamber	X900	Sum	1
TCO				
Section total included in total?				No

STORMWATER DRAINAGE POND – Page d/4/12

Code	Description			
Note	Miscellaneous work (Cont.)			
Note	Supply, installation, testing, and commissioning of an online Water Quality Analyser (WQA) system for continuous monitoring of key water quality parameters, including Temperature, pH, Dissolved Oxygen (DO), Conductivity / Total Dissolved Solids (TDS), Turbidity, Ammonium (NH ₄ -N), Nitrates (NO ₃ ⁻), Phosphates (PO ₄ ³⁻), Chemical Oxygen Demand (COD), and Oil in Water (OIW).			
Note	The system shall be complete with an automatic sensor cleaning mechanism, submersible sampling pumps (one duty and one standby with floating raft, guide rail, tie rope, flexible hose, quick coupler etc. all wet part in SS super-deplux) with dry run protection, lifting equipment for pump maintenance, access bridge (GRP open mesh 900mm wide platform with RCC footing / column, SS316 handrail, toe plate, life buoy safety ring), pond-installed High-Visibility (vitreous enameled aluminum)			
Note	open channel staff gauge, sampling piping, return line piping, valve chamber, and all necessary valves and fittings. Instrumentation shall include an electromagnetic flowmeter (EM) on the sampling line, pressure gauge, pressure transmitter, sensor cell, retractable sensor assemblies, and ultrasonic sensor cleaner.			
Note	scope also includes all associated mechanical, electrical, pond radar level transmitter and piping works, full integration with the plant control system (RTU/IPC), and execution of both FAT and iSAT, all in accordance with project specifications and relevant international standards at the following location.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Detention pond – Inlet chamber	X900	Sum	1
Code	Description			
Note	Supply, installation, testing and commissioning of non-contact RADAR Level Measuring Instruments complete with horn type level sensors, transmitters, indicators, mounting brackets and accessories, hardware, field junction boxes, stainless steel conduits as required, signal and power cabling, cable trays, sensor mounting arrangements etc. complete all in accordance with project specifications.			
Code	Description	Remarks	Unit of Measurement	Quantity
B	For 3000 mm Dia. Pipe Penstock chamber (DS3-C2-24)	X900	Sum	1
TCO				
Section total included in total?				No

Code	Description			
Note	PROVISIONAL SUMS Note: The Provisional Sum given in the Bill of quantities may be used in whole or in part, or not at all at the instruction of the Engineer.			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Provisional Sum for work in conjunction with the Service Authorities for direct payment by the Employer	A 420	Sum	1,500,000
Code	Description			
Note	Contingencies			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Provisional Sum for Contingencies	A 420	Sum	2,000,000
TCO				
Section total included in total?				No

DAYWORKS – Page c/1

Code	Description
Note	SECTION c – DAYWORKS
Note	Generally
Note	Dayworks shall be administered strictly in accordance with the Conditions of Contract.
Note	The Contractor shall be paid for dayworks carried out during the course of the Contract while other operations are in progress at the rates set down in the Dayworks Schedule. Profit and overheads shall be included in the item provided for same at the end of the Labour, Material and Plant Sections of the Dayworks Schedule of Rates.
Note	The rates inserted in the Schedule of Dayworks shall deemed to be the rates used by the Contractor in making up rates for works items in all sections of the Bills of Quantities.
Note	Time engaged in the actual works only will be allowed. In the event of labour or plant having to be brought to the site especially for the item of daywork then a reasonable allowance may be made for travelling time, but the allowance for travelling time is to be agreed before the Daywork item is executed.
Note	The Quantities stated in the Daywork Schedule 1, 2 and 3 are estimated and may be encountered totally, or part or not at all as the Engineer may direct.
Note	No work carried out on a Daywork basis shall be measured unless, before starting work, the Contractor has obtained the written approval of the Engineer.
Note	Rates for labour
Note	The daywork rates quoted for labour are to be the inclusive NET amounts payable including for use and waste of hand tools and of all ordinary non-mechanical plant, stagings, scaffolding, tarpaulin, use of electric light and water for the Works, etc. and all special inducements for working in Dubai.
Note	The rates shall also be deemed to include the extra cost of public holidays other holidays with pay, medical costs, bonus, sick leave, termination indemnity pay and the like. Unless specifically authorized in writing by the Engineer, non- productive overtime or special rates for overtime will not be admissible. The cost of all supervisory staff including engineers, foremen, clerks, chargehands, storemen, etc., is to be included in the percentage addition for profit and overheads.
Note	Rates for Materials

Note	Materials used on daywork shall be as specified for the Works. The rates are to include delivery to the Site.
Note	Should materials be required for use on dayworks which are not included in the Schedule, the lowest current Net market prices shall apply, plus a reasonable allowance for collecting, loading and off loading and transporting to the Works.
Note	Rates for Plant Hire
Note	Plant hire rates shall include for the cost of maintaining in proper working order, attendance in starting up, shutting down, refueling and all fuel and power, oil, grease and cleaning materials, replacement and/or sharpening of tools, provision of tools and all other ancillary items including consumable spares. Idle time during maintenance or travelling to the Site will not be allowed.
Note	Drivers and attendants shall be charged for at the rates as laid down for labour.
TCO	
Section total included in total?	No

DAYWORKS – Page c/2

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.1 – LABOUR			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Labourer		h	200
B	Banksman/Greaser		h	60
C	Carpenter		h	60
D	Mason/Concrete finisher		h	60
E	Mason (Paving/Tiling Works)		h	30
F	Driver (Heavy Duty)		h	60
G	Driver (Light Duty)		h	60
H	Pipe fitter		h	150
J	Plant operator (Heavy)		h	60
K	Plant operator (Light)		h	60
L	Steel fixer		h	60
M	Bar bender		h	30
N	Welder		h	20
P	Jointer		h	60
Q	Painter		h	60
R	Electrician		h	60
S	Plumber		h	60
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				

Section total included in total?	No

DAYWORKS – Page c/3

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Bulldozer up to 100 HP		h	10
B	Bulldozer from 100 to 200 HP		h	10
C	Grader up to 160 HP		h	10
D	Grader over 160 HP		h	10
E	Vibratory roller up to 3 tons		h	10
F	Vibratory roller over 3 tons		h	10
G	Tandem roller upto 10 tons		h	20
H	Tandem roller over 10 tons		h	10
J	Bucket loader upto 3 m3		h	10
K	Bucket loader over 3 m3		h	10
L	Dump truck upto 5 tons		h	20
M	Dump truck from 5 tons to 10 tons		h	20
N	Dump truck over 10 tons		h	10
P	Generator upto 200 KW/Hr.		h	10
Q	Compressor 5000–6000 litres capacity with small tools		h	20
R	Excavator upto 1 m3		h	10
S	Excavator over 1 m3		h	20
T	Vibratory compactor hand pulled		h	20
U	Vibrating roller self propelled		h	20
V	Caterpillar type tractor with bull or angle dozer; shovel/front loader or scarifier, 977 or similar		h	10
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/4

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT (CONT'D)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Gas detection equipment		h	20
B	Slot/sand blast equipment (including sand and air)		h	20
C	Safety harness and rope		h	20
D	Breathing apparatus		h	20
E	Ventilating blowers 300 m3 per minute capacity		h	25
F	Septic tank emptier up to 6,000 gallons		h	25
G	Water tanker, minimum 10,000 litres		h	20
H	75 mm dia Jetting Pump		h	20
J	Drill rig for well point		h	20
K	Well point extractor		h	20
L	Concrete vibrator (poker/screed) up to dia 50 mm		h	20
M	Bob cat < 1 m3		h	25
N	Fork lift < 5 t		h	20
P	Hiab truck, 6 tonne or greater capacity		h	10
Q	Concrete mixer, 6 m3		h	5
R	Concrete distribution truck, 9 m3		h	5
S	Concrete pump, 50 m3		h	5
T	Concrete pump, 70 m3		h	5
U	Plate compactor		h	10
V	Water pump 3 inch		h	20
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/5

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT (CONT'D)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Dumper upto 1 m3		h	10
B	Lorry mounted crane upto 25 tonnes		h	20
C	Pick up truck upto 3 tonnes		h	20

D	Pick up truck over 3 tonnes capacity		h	20
E	Oxygen resuscitation equipment		h	10
F	Portable electric drill (20 mm chuck)		h	10
G	Radial stand drill		h	10
H	Welding plant including gas/electrode and consumable		h	10
J	Sand blasting unit (with operator)		h	10
K	Asphalt/concrete saw cutter		h	10
L	Pneumatic breaker		h	10
M	Portable lighting set with generator		h	10
N	Mechanical road broom		h	10
P	Portable traffic signal set with generator		h	10
Q	Wheeled excavator with backhoe and shovel (JCB)		h	10
Code	Description			
Note	Pumping Equipment			
Code	Description	Remarks	Unit of Measurement	Quantity
R	Potable pump diesel/electric; capacity Q = 10 L/S		h	10
S	Potable pump diesel/electric; capacity Q = 10 L/S (stand by)		h	10
T	Potable pump diesel/electric; capacity Q = 15 L/S		h	10
U	Potable pump diesel/electric; capacity Q = 15 L/S (stand by)		h	10
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/6

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT (CONT'D)			
Note	PLANT – for continuous with all attendance			
Note	Pumping Equipment			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Potable pump submersible electric; capacity Q = 10 L/S		day	3
B	Potable pump submersible electric; capacity Q = 10 L/S		week	1
C	Potable pump submersible electric; capacity Q = 10 L/S		month	1
D	Potable pump submersible electric; capacity Q = 15 L/S		day	3
E	Potable pump submersible electric; capacity Q = 15 L/S		week	1

F	Potable pump submersible electric; capacity Q = 15 L/S		month	1
G	Provide fuel, oil and attendance on diesel; capacity Q = 15 L/S pump supplied by manufacturer approved by DM		day	1
H	Provide fuel, oil and attendance on diesel; capacity Q = 15 L/S pump supplied by manufacturer approved by DM		week	1
J	Provide fuel, oil and attendance on diesel; capacity Q = 15 L/S pump supplied by manufacturer approved by DM		month	1
K	100 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		day	100
L	100 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		week	50
M	100 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		month	15
N	100 mm dia flexible suction/delivery pipe (per m)		day	250
P	100 mm dia flexible suction/delivery pipe (per m)		week	100
Q	100 mm dia flexible suction/delivery pipe (per m)		month	15
R	150 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		day	300
S	150 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		week	50
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/7

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT (CONT'D)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	150 mm dia steel or similar delivery pipe including bends, tees, junctions, valves, etc. (per m)		month	10
B	150 mm dia flexible suction/delivery pipe (per m)		day	1
C	150 mm dia flexible suction/delivery pipe (per m)		week	1
D	150 mm dia flexible suction/delivery pipe (per m)		month	1
E	150 mm dia header pipe (per m)		day	50
F	150 mm dia header pipe (per m)		week	2
G	150 mm dia header pipe (per m)		month	1
H	Generator up to 5 kVA		day	20
J	Generator up to 5 kVA		week	1
K	Generator up to 5 kVA		month	1

L	Generator up to 15 kVA		day	20
M	Steel beams and struts for framing (per ton)		day	2
N	Steel beams and struts for framing (per ton)		week	2
P	Steel beams and struts for framing (per ton)		month	1
Q	Trench sheeting (per m2)		day	100
R	Trench sheeting (per m2)		week	50
S	Trench sheeting (per m2)		month	15
T	Scaffold boards (per m2)		day	30
U	Scaffold boards (per m2)		week	20
V	Scaffold boards (per m2)		month	12
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/8

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.2 – PLANT (CONT'D)			
Note	Miscellaneous (cont'd)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Diversion boards (each)		day	30
B	Diversion boards (each)		week	10
C	Diversion boards (each)		month	5
D	Men at Work sign or similar (each)		day	30
E	Men at Work sign or similar (each)		week	15
F	Men at Work sign or similar (each)		month	5
G	Barrel / post (each)		day	50
H	Barrel / post (each)		week	25
J	Barrel / post (each)		month	10
K	Traffic cones (each)		day	150
L	Traffic cones (each)		week	100
M	Traffic cones (each)		month	15
N	Barriers (per m)		day	25
P	Barriers (per m)		week	20
Q	Barriers (per m)		month	10

R	Tubular scaffolding, steel/ally including junctions,fittings, couplers, etc. (per m)		day	3
S	Tubular scaffolding, steel/ally including junctions, fittings, couplers, etc. (per m)		week	1
T	Tubular scaffolding, steel/ally including junctions, fittings, couplers, etc. (per m)		month	1
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

DAYWORKS – Page c/9

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.3 – MATERIALS			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Concrete Grade C60/20		m3	5
B	Concrete Class 30/20 SR cement		m3	5
C	Concrete Class 15/60 SR cement		m3	5
D	200 mm dia. uPVC pipe to BS 5681		m	30
E	250 mm dia. uPVC pipe to BS 5681		m	30
F	315 mm dia. uPVC pipe to BS 5681		m	20
G	400 mm dia GRP pipe 5000 stiffness (gravity)		m	12
H	500 mm dia GRP pipe 5000 stiffness (gravity)		m	12
J	600 mm dia GRP pipe 5000 stiffness (gravity)		m	12
K	700 mm dia GRP pipe 10,000 stiffness (Pressure)		m	12
L	1000 mm dia GRP pipe 10,000 stiffness (Pressure)		m	12
M	1200 mm dia GRP pipe 10,000 stiffness (Pressure)		m	12
N	Fresh Water (10,000 litres) excluding tanker		sum	5
P	Sea Water (10,000 litres) excluding tanker		sum	5
Q	Aggregate base Material		m3	100
R	O.P. Cement		t	2
S	S.R. Cement		t	2
T	Coarse Aggregate (dry)		m3	100
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

Code	Description			
Note	SECTION c – DAYWORKS (CONT'D)			
Note	SCHEDULE NO.3 – MATERIALS (CONT'D)			
Code	Description	Remarks	Unit of Measurement	Quantity
A	Fine Aggregates (dry)		m3	100
B	Aggregate 1/6"		m3	50
C	Aggregate 1/2"		m3	50
D	Aggregate 3/6"		m3	50
E	Aggregate 1"		m3	50
F	Imported subkha		m3	150
G	Imported filling material		m3	150
H	Sweet soil		m3	30
J	200 mm thick hollow blocks		nr	100
K	200 mm solid blocks		nr	100
L	Granular material for pipe bedding		m3	60
M	Stone material for land drains (max. size 100 mm)		m3	20
N	Filter fabric membrane.		m3	100
P	Standard grade plywood thickness 12 mm		m2	100
Q	Standard grade plywood thickness 20 mm		m2	100
R	Marine grade plywood thickness 20 mm		m2	100
S	Interlocking paving blocks 60 mm thick		m2	200
T	Interlocking paving blocks 80 mm thick		m2	100
U	Upstand kerb 150 x 305 mm		m	200
	Addition for Profit and Overheads ----- % (Amount)		Percentage (%)	1
TCO				
Section total included in total?				No

Code	Description
	Total carried to Tender

TCO	Part 1 – General Item	Part 2 – Ground Investigation	Part 3 – Demolition & Site clearance	Part 4 – Stormwater Drainage Pond	Sub Total (DHS)	Adjustment Item(In % if any)– Add*/Deduct %	Amount after Adjustment (AED)	Performanc Security	Insurance of Work	
Section total included in total?				Yes						

BREAKDOWN FOR WORK ITEMS – Section F

Question	Description	Question Type
BREAKDOWN FOR WORK ITEMS	Please download the attachment, fill it out and upload it again.	Attachment