

الهيئة العامة للطرق والكبارى
المنطقة السادسة - بنى سويف

المشروع القومى
القطار الكهربائى السريع (أكتوبر/أسوان)

بخصوص : أعمال الجسر الترابى والأعمال
الصناعية لمشروع القطار الكهربائى السريع (أكتوبر-
ابوسمبل) (القطاع الأول) فى المسافه من كم
١٢١٠٠ الى كم ١٢٤٠٠ وبطول ٣ كم (اتجاه الفيوم)
تنفيذ : شركه المهندسون المتحدون للمقاولات
العامة و التوريدات
عقد رقم: ١٣٠٢ لسنة ٢٠٢٢/٢٠٢٣

السيد المهندس /رئيس قطاع التنفيذ والمناطق

تحية طيبة .. وبعد

نتشرف ان نرفق طيه المستخلص رقم (٢) جاري عن العمليه ومرفقاته
برجاء التكرم بالإحاطة والتفضل بالتوجيه باللازم
وتفضلوا بقبول فائق الاحترام،،،

مرفقات

رئيس الادارة المركزية
المنطقة السادسة (بنى سويف)
مهندس / طارق يوسف الجزار



- (١) استمارة ٥٠ ح
- (٢) أصل المستخلص
- (١) بيان الاعمال
- (١) حصر الاعمال
- (١) صورة الريكويست
- (١) صورة نتائج الاختبارات المعملية
- (١) محضر مسافة النقل

الدفع اليك وى

شيك على الخارج
يسحب باسم
ويرسل إليه بالعنوان الآتي :

صاحب الحق أو : أبناء المرحوم المحمّد بن إسماعيل العاصمي النوبختي

[illegible]

كتب المراجعة

رئيس القسم
رئيس الادارة العامة

تقييد في السجل برقم :

(ب) الکاتب المنوط

عدد		الاعتماد الإدارى ونوع الخصم							
المرفقات		بيانات		نوع الخصم					
		المبلغ المنقذ منه المخصص رقم (٢) لحملات الحار الترابى والاعمال الضمان للخط الثانى لمرور الحار الضمان الترابى الربح والتوزيع (أبو كامل) (القطاع الاول) الحافه مدية - ١٩١٠ سن - ١٩٤١ بطول ٣ كم (اتجاه العنق) بمقدار ١٣.٠٢ الف ٢٠٤١/٢٠٤١		بند	فصل	فرع	قسم	جنيته	قرش
				إجمالى الأصل				٤٧١٧٥٨١,٥٢	٤٧١٧٥٨١,٥٢
		بيانات الاستقطاعات		قرش		جنيته			
		عادى							
		إضافى							
		دمغة توقيع							
		قرش							

		رسم الدمغة							
		صافى القيمة المطلوب صرفها							

المختتم ذو التاريخ

8→9)

رئيس المصلحة

علامة

في سنة ٢٠٢

(١) اقرار كاتب سجل المحجوزات والتنازلات : _____ الإمضاء :

(٢) إقرار بأن القيمة مرتبط بها على الاعتماد المخصص وأن البند المختص يسمح ولم يسبق الصرف : _____ الإمضاء :

(أو) بأن المبلغ مضاف بحساب : جاري بتاريخ الإمضاء :
الائرادات

الختم ذو التاريخ (ح) قيد في سجل رقم ٥٥ « ع ح » برقم : ————— توقيع الكاتب المنوط بالسجل :

رُوجع في _____ سنة ٢٠٢ (علامات المراجع ورئيس المصلحة)

يعتمد سحب
شيك
إذن صرف

مدير أو رئيس الحسابات

وكيل الحسابات

في _____ سنة ٢٠٢٠ يبلغ



الهيئة العامة لشئون المطابع الأميرية ١٦٠٠٤ س ٢٠٢١ - ١٥٠٠٠

(١) رقم المستند (وهو رقم القيد في الدفتر رقم ٢٢٤ « ٤ ح ») ————— إمضاء الكاتب النوط : —

(٢) قيد في دفاتر الحسابات المختصة:

إمضاءات موظفي الشطب

(٣) سحب شيك رقم : _____ إمضاء الكاتب المنوط : _____

الشكايات

(٤) قيد في سجل المبيعات تحت رقم : إمضاء الكاتب المنوط :

(٥) أدر في كشف الشيكات رقم : _____ امضاء الكاتب المنوط : _____

الحالات

(٦) استلمت

محضر اعتماد كميات

التاريخ : ٢٣ - ٠٩ - ٢٠٢٣

اسم المشروع : مشروع القطار السريع (أكتوبر - بني مزار)

بإعتماد الكميات المنفذة الخاصة بشركة المهندسون المتحدون للمقاولات

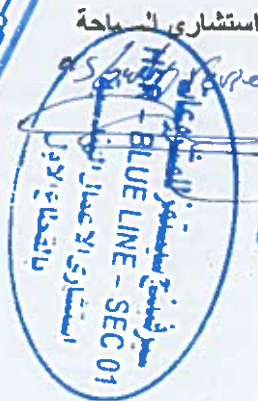
م	من المحطة رقم	الى المحطة رقم	التصنيف	الكمية	ملاحظات
١	١٢٣+١٢٠	١٢٣+١٦٠	اعمال التكسير والازالة	٣م ٢٨	
٢	١٢٣+١٨٠	١٢٣+١٤٠	اعمال التكسير والازالة	٣م ٤٥	
٣	١٢٢+٦٠٠	١٢٢+٩٠٠	اعمال التطهير	٢م ١٨١٧٢,٥	
٤	١٢٣+١٠٠	١٢٤+٠٠٠	اعمال التطهير	٢م ٤١٨٣٦	
٥	١٢١+٩٨٠	١٢٤+٠٠٠	أعمال ردم قبل تاريخ ٢٠٢٣/٠٥/٤	٣م ١٤٨٥٨٥	
٦	١٢١+٩٨٠	١٢٤+٠٠٠	أعمال ردم بعد تاريخ ٢٠٢٣/٠٥/٤	٣م ٢٤٢٥٣	

ملاحظات :-

الكمية المدرجة بالمستخلص الاعمال حتى تاريخه.

مهندس الهينة

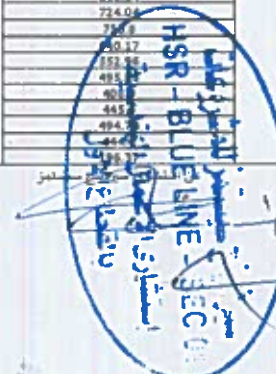
مهندس الهينة



مشروع القطر السريع			إستكمال إنشاء أعمال الجسر البرقي والأعمال الصخرية بطبقات مشروع إنشاء الخط البرقي السريع - الثاني		الهيئة العامة للطرق
تشييد شركة المهندسون المتحدون للمقاولات			مستخلص (2) جاري		
بند رقم [1-3] : أعمال تحميل ولوريد ونقل أربة مطابقة للتوصيفات وتشطيبها باستخدام آلات التسوية بسمك لا يزيد عن 50 سم حتى ملسوب (2 متر) أسفل ملسوب الأرضية و بسمك لا يزيد عن 25 سم أعلى من ملسوب (2.0 متر) من ملسوب الأرضية..... الخ					
Station	Total FILL Area (m ²)	Cum. FILL Vol (m ³)	As Buil vol FRI (Rev 11)		Total Qty
			Qty (m ³)		
122+000	1.07	10.66	10.66		
122+020	106.49	1288.16	1273.52		
122+040	145.72	2808.22	2522.03		
122+060	150.56	4570.97	2962.75		
122+080	138.76	6587.51	3016.54		
122+100	166.89	12943.91	3256.4		
122+120	170.82	16720.87	3376.96		
122+140	188.53	18678.71	3657.84		
122+160	179.13	23555.31	3678.6		
122+180	170.81	27054.71	3679.41		
122+200	186.13	32364.1	3809.38		
122+220	186.61	33831.48	3847.39		
122+240	175.13	37048.94	3617.49		
122+260	177.87	42528.53	3479.39		
122+280	162.73	43884.05	3333.32		
122+300	144.53	44858.62	3072.77		
122+320	127.27	46832.61	2847.99		
122+340	113.44	51881.72	2727.11		
122+360	117.71	54293.21	2711.49		
122+380	125.83	56728.55	2453.24		
122+400	119.03	54077.14	2408.37		
122+420	129.61	61863.55	2486.51		
122+440	121.33	64272.96	2509.41		
122+460	116.32	66548.51	2276.55		
122+480	118.96	68802.56	2232.03		
122+500	132.88	71421.2	2188.64		
122+520	136.4	74213.87	2092.77		
122+540	138.2	78858.91	2745.94		
122+560	152.95	79771.38	2811.47		
122+580	157.5	82825.88	3054.1		
122+600	158.32	85834.1	3108.22		
122+620	153.96	89056.86	3122.78		
122+640	151.34	92108.84	3032.88		
122+660	147.78	95511.11	2991.27		
122+680	134.51	97824.05	2822.94		
122+700	138.22	100811.33	2727.28		
122+720	123.99	103271.36	2622.06		
122+740	107.37	105586.84	2332.53		
122+760	103	107900.62	2103.68		
122+780	97.66	108977.21	2006.39		
122+800	79.08	111464.61	1767.4		
122+820	87.02	113125.62	1681.01		
122+840	91.69	114012.74	1787.12		
122+860	99.92	116878.92	1816.18		
122+880	97.33	118802.45	1972.52		
122+900	88.73	120642.05	1860.56		
122+920	89.06	122438.84	1777.83		
122+940	90.03	124230.74	1780.9		
122+960	75.56	125888.63	1655.89		
122+980	76.74	127348.58	1462.96		
123+000	65.76	128714.63	1363.04		
123+020	63.07	130022.87	1288.24		
123+040	80.13	131234.85	1231.88		
123+060	59.23	132428.48	1182.53		
123+080	56.16	133582.31	1152.83		
123+100	44.01	134584.21	1091.9		
123+120	40.74	135431.83	847.72		
123+140	44.07	136280.04	849.11		
123+160	39.45	137115.31	823.27		
123+180	39.27	137902.55	787.24		
123+200	44.01	138735.3	822.75		
123+220	39.86	139573.83	828.62		
123+240	32.32	140295.65	721.72		
123+260	44.41	141062.92	767.27		
123+280	41.39	141920.82	858		
123+300	37.17	142708.47	781.55		
123+320	38.84	143468.54	760.87		
123+340	39.27	144217.66	781.12		
123+360	40.8	145048.42	850.76		
123+380	43.25	145888.87	840.55		
123+400	46.5	146798.4	877.62		
123+420	46.37	147715.19	928.89		
123+440	44.36	148622.75	907.66		
123+460	39.42	149460.84	828.09		
123+480	37.38	150228.68	787.88		
123+500	37.7	151079.53	710.72		
123+520	45.53	151811.81	832.26		
123+540	37.9	152648.07	824.26		
123+560	47.79	153427.89	826.82		
123+580	46.86	154247.31	874.43		
123+600	45.04	155064.25	816.84		
123+620	41.79	155823.48	868.84		
123+640	42.22	156672.54	840.81		
123+660	39.35	157498.25	815.71		
123+680	34.86	158304	741.15		
123+700	34.45	159121.47	682.67		
123+720	37.82	159988.33	715.84		
123+740	35.02	160858.52	710.39		
123+760	33.76	161748.37	687.71		
123+780	30.16	162683.48	829.18		
123+800	34.64	163633.5	698.84		
123+820	37.76	164625.54	714.04		
123+840	37.32	165628.34	716		
123+860	28.7	166648.51	640.17		
123+880	28.59	167683.47	183.86		
123+900	21	168787.43	485.5		
123+920	39.89	169908.33	461.5		
123+940	24.65	170651.72	445		
123+960	24.82	171467.47	494		
123+980	19.84	172581.27	466.37		
124+000	8	173787.44	167,787.44		

Fill

167,787.44



شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Daily Work Inspection

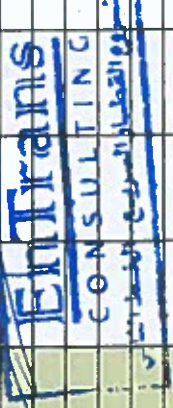
Request No.	Rev.	From Station	To Station	Type Of Work	Length	Result	Area		Quantity	نتائج التجارب المعملية										plate load test (EV2/EV1)				
										sand cone(RELATIVE COMPACTION %)										1	2	3	4	5
R1	7	123+100	124+000	Removing and Cleaning Trees	900	Ok	41,836.06																	
R2	7	122+600	122+900	Removing and Cleaning Trees	300	Ok	18,172.00																	
B1	9			Breaking And Demolition Of Buildings	58	Ok	3.2		28															
B2	9			Breaking And Demolition Of Buildings		Ok			45															
G1	8	121+960	122+300	Grading For Natural Ground	340	Ok				95.8	96.3	96.7	95	96.5	98.8	99.6				2.19	2.26	2		
G2	8	122+300	122+520	Grading For Natural Ground	220	Ok				98.8	95.6	98.1	96						1.93	1.95	1.91			
G3	8	122+520	122+740	Grading For Natural Ground	220	Ok				98	98.8	95.3	97						2.12	2.27				
G4	8	122+760	123+100	Grading For Natural Ground	340	Ok				98.3	96.8	96.1	96.5	95.6	96.5	95.2			2.3	2.17	2.2			
G5	8	123+100	123+480	Grading For Natural Ground	380	Ok				96.3	95.6	95.7	95.1	97.5	95.4	97.7								
G6	8	123+480	123+640	Grading For Natural Ground	160	Ok				98.9	95.3	95.1	97.3											
G7	8	123+640	123+800	Grading For Natural Ground	160	Ok				96.4	98.7	98.3												
G8	8	121+000	121+400	Grading For Natural Ground	400	Ok				95.7	97.6	98.5	96.1	98.5	98.1	96.8								
G9	8	123+800	124+000	Grading For Natural Ground	200	Ok				96.2	95.8	97	96.5						1.99	1.95				
G10	11	123+100	123+120	Grading For Natural Ground	20	Ok				97.6														
1	8	121+960	121+980	Fill	20	Ok	12.02		240															
2	8	121+980	122+000	Fill	20	Ok	12.59		252															
3	8	122+000	122+020	Fill	20	Ok	13.34		267															
4	8	122+020	122+040	Fill	20	Ok	13.71		274															
5	8	122+040	122+060	Fill	20	Ok	13.9		278															
6	8	122+060	122+100	Fill	40	Ok	14.52		581															
7	8	122+100	122+120	Fill	20	Ok	15.21		304															
8	8	122+120	122+160	Fill	40	Ok	15.65		626															
9	8	122+160	122+200	Fill	40	Ok	15.21		608															
10	8	122+200	122+240	Fill	40	Ok	14.52		581															
11	8	122+240	122+260	Fill	20	Ok	14.07		281															
12	8	122+260	122+300	Fill	40	Ok	13.9		556															
13	8	122+300	122+360	Fill	60	Ok	13.71		823															
14	8	122+360	122+480	Fill	120	Ok	13.9		1,668															
15	8	122+480	122+520	Fill	40	Ok	14.52		581															
16	8	122+520	122+540	Fill	20	Ok	15.12		302															
17	8	122+540	122+620	Fill	80	Ok	15.65		1,252															
18	8	122+620	122+640	Fill	20	Ok	15.12		302															
19	8	122+640	122+680	Fill	40	Ok	14.52		581															
20	8	122+680	122+700	Fill	20	Ok	14.07		281															
21	8	122+700	122+740	Fill	40	Ok	13.9		556															
22	8	122+740	122+780	Fill	40	Ok	13.71		548															
23	8	122+780	122+880	Fill	100	Ok	13.34		1,334															
24	8	122+880	122+960	Fill	80	Ok	13.15		1,052															
25	8	122+960	123+000	Fill	40	Ok	12.96		518															
26	8	123+000	123+040	Fill	40	Ok	12.77		511															
27	8	123+040	123+080	Fill	40	Ok	12.59		504															
28	8	123+080	123+100	Fill	20	Ok	12.4		248															
29	8	123+100	123+140	Fill	40	Ok	12.4		496															
30	8	123+140	123+180	Fill	40	Ok	12.21		488															
31	8	123+180	123+260	Fill	80	Ok	12.02		862															



Daily Work Inspection

1.99	1.79	1.92	2
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CTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) STATION 121+000 - STATION 124+000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Request No.	Rev.	From Station	To Station	Type Of Work		Length	Result	Area		Quantity	نتائج التجارب المعملية																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



Daily Work Inspection

المهندسون المحترفون
للحلول والتشطيبات

محضر معاينة مسافات نقل

انه فى يوم الأربعاء الموافق 2023/9/20 تم المرور على مشروع القطار السريع (المرحلة الاولى) فى المسافة من 121+000 الى 124+000 ، تنفيذ شركة المهندسون المتحدون

بحضور كلا من

- 1- م / محمد طلعت فتحى (مهندس الشركة)
- 2- م / عاطف محمد كمال (مهندس استشارى مكتب سيرفينج سيستم)
- 3- م / شعبان سعيد (مهندس استشارى مكتب انترانس)

وبالاشارة الى قطاع شركة المهندسون المتحدون من 121+000 الى 124+000 وطبقا للبروتوكول الموقع من الشركة الوطنية للتعيين وعليه فقد تم قياس المسافة من المحجر المرخص من قبل الشركة وحتى المحطة 123+000 وهى منتصف منطقة العمل من 122+000 الى 124+000 وتبين ان المسافة هى 2.450 كم وعليه فقد تم اعتماد هذه المسافة كمسافة نقل من المحجر الخاص بالشركة الى مقر موقع شركة المهندسون المتحدون .

م. مكتب انترانس

يعتمد،،،

م. الهيئة

م. مكتب سيرفينج سيستم





مذكرة ايضاحية

للعرض على السيد المهندس/ رئيس قطاع التنفيذ والمناطق

الموضوع : بخصوص مشروع "أعمال إنشاء الجسر الترابي والأعمال الصناعية للقطار السريع (أكتوبر/ أوسمبل) القطاع الأول (أكتوبر/بني مزار) قطاع من كم ١٢١+٠٠٠ إلى كم ١٢٤+٠٠٠ بطول ٣ كم اتجاه الفيوم بالأمر المباشر.

- الشركة المنفذة :- شركة المهندسون المتحدون
- العقد رقم ١٣٠٢ / ٢٠٢٢ / ٢٠٢٣ بتاريخ ٢٥ / ٩ / ٢٠٢٣
- تاريخ بدء العمل : ٢٥ / ١ / ٢٠٢٣ .
- تاريخ النهو المقرر : ٢٤ / ٩ / ٢٠٢٣ .
- قيمة العقد الاصلي : ١٩٩٩٩٩٨٩ جنيه (تسعة عشر مليون وتسعمائة وتسعة وتسعون ألفا وتسعمائة وتسعة وثمانون جنيها فقط لا غير).

مبررات المنطقة بتعديل مقايضة الأعمال

- ورد إلينا خطاب إستشاري القطاع الأول (مرفق) بخصوص المشروع عاليه موضح به أسباب إعداد المقايضة المجدده رقم "٢" بنفس قيمة أمر الإسناد وذلك لوجود إختلاف في الكميات المنفذه على الطبيعه عن الكميات المدرجة بالمقايضة الاصلية للعقد.

الرأي

ترى المنطقة الموافقة على تعديل المقايضة طبقا لما ورد من استشاري المشروع.
برجاء التكرم بالعلم والإحاطة .

والأمر مفوض لسيادتكم.

وتفضلوا بقبول فائق الاحترام ،،،،



مهندس

تحريرا في : ١٩ / ١٠ / ٢٠٢٣

مرفقات (٤)

تنفيذ شركة / المهندسون المتحلون

الجمهورية الجزائرية الديمقراطية الشعبية
الوزارة الوطنية للتعليم العالي والبحث العلمي



أعمال إنشاء الجسر الترابي للقطار الكهربائي السريع (أكتوبر / أوبسبل) القطاع الأول (أكتوبر / بنى مائل) من محطة 121+000 حتى محطة 124+000 بطول 3.00 كم (اتجاه الفيوم) تنفيذ شركة / المهندسون المتحدون				
رقم البند	بيانات الأعمال	الوحدة	الكمية	مبلغ الفاتورة
4	طبقة الأساس Prepared Subgrade			
4-1	بالترابى الكسب لصلب نوريه وفرش طبقة الأساس (Prepared Subgrade) من الأحجار الصلبة المشربة ناتج تكسير قسرات وطبقة قسرات قسرات الأساسات وأساسى حرم الصيحات 100 م ولا يزيد نسبة الحفر من 200 من 12% وقطر الحفر بالانزلاقات الخاصة بالشروع لا يقل نسبة الحفر كالفيريا من 25% ولا يزيد نسبة الحفر مهيأ لوس أنطوس من 30% ولا يزيد الانسلاخ من 15% ولا يقل من 15% من ثغرة لوح التماسيل من 80 ميهيكال ويتم فردا على خطين بالمشهدم آلات التنوية الحديلة على أن لا يزيد سمك الطبقة بعد شتم الحفك من 25 سم ورشها بالقياء الأسولية القوسول إلى نسبة قرطرية السطورية والحفك الحيد القوسول القوسول إلى أقصى كثافة حافة الحفر (لا يقل عن 95%) من كثافة الحسية وقتة تتدل إجزاء القنارب الحسية والطبقة ويتم تنفيذ طبقة لأسول الصناعة والروسومات الحسية والحفك الحيد ميسج مششكة طبقة قسرات قسرة الشروع وتغير الاستطال ونطيلك الهندس الشروع. - مسافة الحفر لا تقل عن 20 كم. - يتم احتساب حافة 1.2 حية لكل 1 كم بقزوقه أو القنار. و نصيح 1.3 اجنيكهم فيكاه من 2023/5/4. - حفر لا يشمل قيمة الحفر المسمويه.	3م	1.00	130.00
4-2	حلازة مسلكة لكل 100 كم	3م	1.00	104.00
4-3	كازرة نوريه أساس	3م	1.00	25.00
4-4	قيمة الحفر المسمويه لطبقة subgrade بالإنسلافه إلى نسبة الحفك 30% + 12% استطاعات	3م	2.00	224.00
5	طبقات الأساس Subballast			
5-1	بالترابى الكسب لصلب نوريه وفرش طبقة الأساس من الأحجار الصلبة المشربة ناتج تكسير قسرات وطبقة قسرات قسرات الأساسات وأساسى حرم الصيحات ما بين 31.5 م إلى 40 م ولا يزيد نسبة الحفر من 200 من 5% وقطر الحفر بالانزلاقات الخاصة بالشروع لا يقل نسبة الحفر كالفيريا من 80% ولا يقل من 80% من ثغرة لوح التماسيل من 120 ميهيكال ولا يزيد نسبة الحفر مهيأ لوس أنطوس من 30% ولا يزيد الانسلاخ من 15% ويتم فردا على خطين بالمشهدم آلات التنوية الحديلة على أن لا يزيد سمك الطبقة بعد شتم الحفك من 20 سم ورشها بالقياء الأسولية القوسول إلى نسبة قرطرية السطورية والحفك الحيد القوسول القوسول إلى أقصى كثافة حافة الحفر (لا يقل عن 100%) من كثافة الحسية وقتة تتدل إجزاء القنارب الحسية والطبقة ويتم تنفيذ لأسول الصناعة والروسومات الحسية والحفك الحيد ميسج مششكة طبقة قسرات قسرة الشروع وتغير الاستطال ونطيلك الهندس الشروع. - مسافة الحفر لا تقل عن 20 كم. - يتم احتساب حافة 1.2 حية لكل 1 كم بقزوقه أو القنار. و نصيح 1.3 اجنيكهم فيكاه من 2023/5/4. - حفر لا يشمل قيمة الحفر المسمويه. - حافة زواجة حوازا 1.8 اجنيكهم 3 فيكاه من 2023/5/4.	3م	1.00	135.00
5-2	حلازة مسلكة لكل 100 كم	3م	1.00	104.00
5-3	كازرة نوريه أساس	3م	1.00	25.00
5-4	قيمة الحفر المسمويه لطبقة subballast بالإنسلافه إلى نسبة الحفك 30% + 12% استطاعات	3م	1.00	119.00

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 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Trans	Request No. L - 146
 Contractor : المتكبرون المتكبرون للمحركات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	 GARB Consultant	Date 14 / 4 / 2023
Request for Inspection			
We request your attendance to inspect the following works :			
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey			
Inspection time :		Date : / /	
Location :		From Station : 122+400 To Station : 122+440	
References		Specification:	
Inspection : ☐ First ☒ Second ☐ Third			
Purpose of the inspection :			
1. Earthworks ☐ Stripping ☐ Natural Sub Grade ☐ Upper Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☒ Ballast Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL
Others (specify) _____			
Particular Details _____ Layer (- 5.00) BackFill			
Submitted by :  / م احمد نصر		Signature : 	
Inspection Report :		Surveying systems	
Surveyor _____			
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)		Signature _____	
Inspection Report :		EnTrans Consulting	
Structural Eng. _____ Civil Eng. _____ E/M Eng. _____ Arch. Eng. _____ Resident Engineer			
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)		Date 14 / 4 / 2023	
Signature _____			
Engineer's Representative " SYSTRA " comments :			
Signature : _____			
Attach all relevant particular test forms Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents			

يسلم الأصل للهيئة العامة للطرق والكباري
 ونسخه للجهات الإستشارية والشركة المنفذة

 Employer, Consultant	Electric Express Train - HSR From October to Aswan	 Request No. L - 145	Request No. L - 145
 Contractor: المقاولون العرب	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	Trans GARB Consultant	Date 5 / 4 / 2023
Request for Inspection			
We request your attendance to inspect the following works:			
Discipline	☒ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey		
Inspection time	Date: / /		
Location:	Inspection Zone	From Station : 122+400	To Station : 122+440
References	Specification		
Inspection	☒ First ☐ Second ☐ Third		
Purpose of the inspection :			
1. Earthwork ☐ Screening ☐ Natural Sub Grade ☐ Modern Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Embankment ☐ Ballast ☐ Subembankment	2. Civil Works ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Catches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Form work ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☐ Setting out ☒ Levels ☐ Verticality ☐ NGL
Others (Specify):			
Particular Details: Layer (- 5.00) BackFill			
Submitted by:	Signature:		
Inspection Report :	Surveying systems		
Surveyor:	Signature:		
The work have found to be:	Approved as Issued (B) ☐ Revised Results (C) ☐ Rejected (D)		
Inspection Report :	EnTrans Consulting		
Signature:	Signature:		
Structural Eng. Civil Eng. EVA Eng. Arch. Eng. Resident Engineer	Signature:		
The work have found to be:	Approved as Issued (B) ☐ Revised Results (C) ☒ Rejected (D)		
Signature:	Signature:		
Engineer's Representative	SYSTRA comments :		
Signature:	Signature:		
Signature:	Signature:		
Signature:	Signature:		
Signature:	Signature:		
Signature:	Signature:		
Signature:	Signature:		
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OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Data Surveying

Request Number : L-

ارتفاع عمود الردم = عرض الطبقة	5	12	8	4	0	center	عرض الطبقة بمتر	16	20.13	Slope	Elevation Design	Station
		63.919	63.919	63.919	63.919	63.919	63.919	63.919	63.919	0.00%	69.819	122+400
												ACT.READ
		63.71	63.71	63.71	63.71	63.71	63.71	63.71	63.71	0.00%	69.61	122+420
												DEF.
		63.502	63.502	63.502	63.502	63.502	63.502	63.502	63.502	0.00%	69.402	122+440
												ACT.READ
												DEF.
												ACT.READ
												DEF.
												ACT.READ
												DEF.

استشاري المساحة
الاسم / عاطف كمال
التوقيع /

المهندس المفوض من الشركة
الاسم / احمد نصير
التوقيع /

 Trans	Electric Express Train - HSR																																																																
	October Aswan Electric Express Train																																																																
	Section -1 (October -Bani Mazar)																																																																
	From Station 121+000 To Station 124+000																																																																
Testing Date :		2023\4 \ 6		Company : المهندسون المتحدون																																																													
Material :																																																																	
Location :		122+400 TO 122+440																																																															
Layer Thickness :		50cm		Level layer 5.00-																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Station</td> <td style="width: 15%;">122+420</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Hole no</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bulk density specifid</td> <td>1.52</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>wt .of sand befor test</td> <td>9032</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>WT .of sand after test</td> <td>4656</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>WT . Of sand fill cone</td> <td>1476</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>WT . Of sand in hole</td> <td>2900</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Volume of hole</td> <td>1908</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>WT . Of sample from</td> <td>4190</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bulk density of soil</td> <td>2.20</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Station	122+420					Hole no	1					Bulk density specifid	1.52					wt .of sand befor test	9032					WT .of sand after test	4656					WT . Of sand fill cone	1476					WT . Of sand in hole	2900					Volume of hole	1908					WT . Of sample from	4190					Bulk density of soil	2.20				
Station	122+420																																																																
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">O.W.C</td> <td style="width: 15%;">8</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>verage water content</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry density (gm/cm3)</td> <td>2.05</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Max dry density</td> <td>2.13</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Compaction ratio %</td> <td>96.4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Observations</td> <td colspan="5"></td> </tr> </table>						O.W.C	8					verage water content	7					Dry density (gm/cm3)	2.05					Max dry density	2.13					Compaction ratio %	96.4					Observations																													
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Observations																																																																	
Lab Engineer :		Consultant Eng. :																																																															
Sign :		Sign :																																																															

 Trans	Electric Express Train - HSR October Aswan Electric Express Train Section -1 (October -Bani Mazar) From Station 121+000 To Station 124+000	
Testing Date :	2023\ 4 \6	Company : المهندسون المتحدون
Material :		
Location :	122+400 TO 122+440	
Layer Thickness :	50cm	Level layer 5.00-
Station	122+420	Deep
Hole no	1	
Bulk density specifid	1.52	
wt .of sand befor test	8854	
WT .of sand after test	4482	
WT . Of sand fill cone	1476	
WT . Of sand in hole	2896	
Volume of hole	1905	
WT . Of sample from	4154	
Bulk density of soil	2.18	
O.W.C	8	
verage water content	7.2	
Dry density (gm/cm3)	2.03	
Max dry density	2.13	
Compaction ratio %	95.5	
Observations		
Lab Engineer :	Consultant Eng. :	
Sign :	Sign :	

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Request No. L - 147	
 Contractor : المتكبرون للملاوات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	 Trans GARB Consultant	Date 9 / 4 / 2023
Request for Inspection			
We request your attendance to inspect the following works :			
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey			
Inspection time :	Date : / /		
Location :	Inspection Zone	From Station : 122+440	To Station : 122+600
References		Specification:	
Inspection : ☐ First ☒ Second ☐ Third			
Purpose of the Inspection :			
1. Earthworks ☐ Stripping ☐ Natural Sub Grade ☐ Upper Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☒ Ballast Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3-Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreteing ☐ Earthing	4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL
Others (specify) _____			
Particular Details _____			
Submitted by : م / احمد نصر Signature :			
Inspection Report :		Surveying systems	
Surveyor		Signature	
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)		Signature	
Inspection Report :		EnTrans Consulting	
Structural Eng. Civil Eng. EIM Eng. Arch. Eng. Resident Engineer		Signature	
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)		Signature	
Signature		Date 10/4/2023	
Engineer's Representative " SYSTRA " comments :			
Signature : _____ Date : / /			
Attach all relevant particular test forms Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change in Contract Documents.			

يسلم الأصل للهيئة العامة للطرق والكباري
ونسخه للجهات الإستشارية والشركة المنفذة

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Trans	Request No. L - 147 Date 24/10/2023
 Contractor : المهندس المحدود للملاوات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	GARB Consultant	
Request for Inspection			
We request your attendance to inspect the following works :			
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey			
Inspection time :	Date : / /		
Location :	Inspection Zone	From Station : 122+440	To Station : 122+600
References	Specification:		
Inspection : ☒ First ☐ Second ☐ Third			
Purpose of the Inspection :			
1. Earthworks ☐ Stripping ☐ Natural Sub Grade ☐ Upper Embankment ☐ excavation ☐ Sub Grade ☐ Sub Ballast ☒ Ballast ☐ Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3-Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL
Others (specify) _____			
Particular Details _____ Layer (- 5.25) BackFill			
Submitted by : م / احمد نصر		Signature : 	
Inspection Report :		Surveying systems	
Surveyor		تم رفض الفطاء طبقا للملاحظات	
The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☒ Revised & Resubmit (C) ☐ Rejected (D)		Signature	
Inspection Report :		EnTrans Consulting	
Structural Eng. Civil Eng. E\M Eng. Arch. Eng. Resident Engineer		تم رفض الفطاء طبقا للملاحظات Reject	
The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)		Signature	
Engineer's Representative "SYSTRA" comments :		Date: 1/4/2023	
Signature :		Date : / /	
Attach all relevant particular test forms Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.		يسلم الأصل للهيئة العامة للطرق والكباري ونسخه للجهات الاستشارية والشركة المنفذة	

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

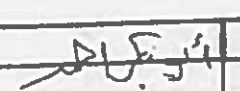
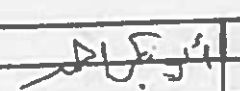
Data Surveying

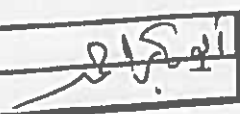
Request Number : L-

Station	Elevation Design	Slope	عرض العنق شمال	center	ارتفاع عمود الردم = 5.25 م	عرض الطبقة يمنى
122+440	69.402	0.00%	20.505	0	16	17.215
ACT.READ			63.252	63.252	63.252	63.252
DEF.			+3	-2	+2	-2
122+460	69.193	0.00%	63.043	63.043	63.043	63.043
ACT.READ			63.043	63.043	63.043	63.043
DEF.			+2	+2	+2	+3
122+480	68.984	0.00%	62.834	62.834	62.834	62.834
ACT.READ			+2	+2	+2	+2
DEF.			-2	+3	+3	-2
122+500	68.775	0.00%	62.625	62.625	62.625	62.625
ACT.READ			-1	+3	+1	+2
DEF.			62.416	62.416	62.416	62.416
122+520	68.566	0.00%	62.416	62.416	62.416	62.416
ACT.READ			43	+2	+2	+3
DEF.			62.207	62.207	62.207	62.207
122+540	68.357	0.00%	62.207	62.207	62.207	62.207
ACT.READ			+7	+3	+2	+3
DEF.			61.999	61.999	61.999	61.999
122+560	68.149	0.00%	61.999	61.999	61.999	61.999
ACT.READ			+2	+2	+1	+2
DEF.			61.79	61.79	61.79	61.79
122+580	67.94	0.00%	61.79	61.79	61.79	61.79
ACT.READ			+2	+2	+2	+2
DEF.			61.581	61.581	61.581	61.581
122+600	67.731	0.00%	61.581	61.581	61.581	61.581
ACT.READ			+3	+2	+2	+2
DEF.			61.3	+2	+2	+2

استشاري المساحة
الاسم / عاطف كمال

المهندس المفوض من الشركة
احمد نصير

 SVSIRA Trans CONSULTING	Electric Express Train - HSR			 الهيئة العامة للنقل البنية التحتية المواصلات																																																																																
	October Aswan Electric Express Train																																																																																			
	Section -1 (October -Bani Mazar)																																																																																			
	From Station 121+000 To Station 124+000																																																																																			
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Location :		122+440 TO 122+600																																																																																		
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 SVSTRA Trans CONSULTING	Electric Express Train - HSR October Aswan Electric Express Train Section -1 (October -Bani Mazar) From Station 121+000 To Station 124+000	 الهيئة القومية للإسكان المهندسون المتحدون			
Testing Date : 2023 \ 4 \ 9 Company : المهندسون المتحدون					
Material :					
Location : 122+440 TO 122+600					
Layer Thickness : 50cm Level layer 5.25-					
Deep					
Station	122+480	122+520	122+560		
Hole no	1	2	3		
Bulk density specifid	1.52	1.52	1.52		
wt .of sand befor test	9246	8853	8514		
WT .of sand after test	4876	4564	4178		
WT . Of sand fill cone	1476	1476	1476		
WT . Of sand in hole	2894	2813	2860		
Volume of hole	1904	1851	1882		
WT . Of sample from	4132	4057	4080		
Bulk density of soil	2.17	2.19	2.17		
8					
O.W.C					
verage water content	6.8	7.1	6.6		
Dry density (gm/cm3)	2.03	2.05	2.03		
Max dry density	2.13	2.13	2.13		
Compaction ratio %	95.4	96.1	95.5		
Observations					
Lab Engineer :			Consultant Eng. :		
Sign :			Sign :		

 Employer Consultant	Electric Express Train - HSR From october to Aswan	 Trans	Request No. L - 148
 Contractor : المهندسون المتكاملون للمقاولات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	 GARB Consultant	Date 1 / 5 \ 2023

Request for Inspection

We request your attendance to inspect the following works :

Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey

Inspection time : _____ Date : ____ / ____ / ____

Location : _____ Inspection Zone : _____ From Station : 122+600 To Station : 122+760

References : _____ Specification : _____

Inspection : ☒ First ☐ Second ☐ Third

Purpose of the Inspection :

1. Earthworks

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ excavation

☐ Sub Grade

☐ Sub Ballast

☒ Ballast Embankment

2. Civil Works

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

5. Structure

☐ Formwork

☐ Reinforcement

☐ Concreteing

☐ Earthing

4. Surveying

☒ Settling out

☒ Levels

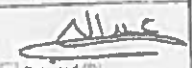
☐ Verticality

☐ NGL

Others (specify) : _____

Particular Details : _____ Layer (- 5.25) BackFill

Submitted by : _____ / عمر الهولوى Signature : 

Inspection Report :	Surveying systems	Signature
Surveyor	تم الاستلام طبقا للمرفقات	
The work have found to be :	☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)	☐ Rejected (D)

Inspection Report :	EnTrans Consulting	Signature
Structural Eng.	ok	
Civil Eng.		
E/M Eng.		
Arch Eng.		
Resident Engineer		
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)		
Signature : _____ Date : ____ / ____ / ____		
Engineer's Representative " SYSTRA " comments :		
Signature : _____ Date : ____ / ____ / ____		

Attach all relevant particular test forms
 Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents

يسلم الأصل للهيئة العامة للطرق والكباري
 ونسخه للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة و التوريدات

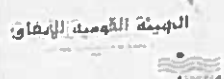
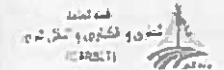
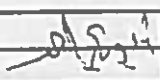
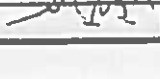
Data Surveying

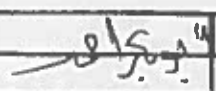
Request Number : L-

Station	Elevation Design	Slope	عرض الطبقة شمال	center	ارتفاع عمود الردم = عرض الطبقة يعين
122+600	67.731	0.00%	20.88	16 8 12 4 0 8 12	5.25
ACT.READ			61.581	61.581	61.581
DEF.					
122+620	67.522	0.00%	12 16 8 4 0 8 12	61.581	61.581
ACT.READ			61.372	61.372	61.372
DEF.					
122+640	67.313	0.00%	12 16 8 4 0 8 12	61.372	61.372
ACT.READ			61.163	61.163	61.163
DEF.					
122+660	67.104	0.00%	12 16 8 4 0 8 12	61.163	61.163
ACT.READ			60.954	60.954	60.954
DEF.					
122+680	66.896	0.00%	12 16 8 4 0 8 12	60.954	60.954
ACT.READ			60.746	60.746	60.746
DEF.					
122+700	66.687	0.00%	12 16 8 4 0 8 12	60.746	60.746
ACT.READ			60.537	60.537	60.537
DEF.					
122+720	66.478	0.00%	12 16 8 4 0 8 12	60.537	60.537
ACT.READ			60.328	60.328	60.328
DEF.					
122+740	66.269	0.00%	12 16 8 4 0 8 12	60.328	60.328
ACT.READ			60.119	60.119	60.119
DEF.					
122+760	66.06	0.00%	12 16 8 4 0 8 12	60.119	60.119
ACT.READ			59.91	59.91	59.91
DEF.					
122+780	65.85	0.00%	12 16 8 4 0 8 12	59.91	59.91
ACT.READ			59.70	59.70	59.70

استشاري المساحة
الاسم / عاطف كمال

المهندس المفوض من الشركة
الاسم / عمر الهوارى

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	Electric Express Train - HSR				الهيئة القومية للإنشاء 		
	October Aswan Electric Express Train				الحطة امانه لخطوط و الكباري و انفل البري (GARDI) 		
	Section -1 (October -Bani Mazar)						
	From Station 121+000 To Station 124+000						
Testing Date :		2023\ 5 \ 2		Company :		المهندسون المتحدون	
Material :							
Location :		122+600 TO 122+760					
Layer Thickness :		50cm		Level layer		5-	
		Deep					
Station	122+640	122+680	122+720	122+760			
Hole no	1	2	3	4			
Bulk density specifid	1.52	1.52	1.52	1.52			
wt .of sand befor test	9475	8965	8389	8824			
WT .of sand after test	4866	4568	3868	4383			
WT . Of sand fill cone	1476	1476	1476	1476			
WT . Of sand in hole	3133	2921	3045	2965			
Volume of hole	2061	1922	2003	1951			
WT . Of sample from	4422	4174	4332	4210			
Bulk density of soil	2.15	2.17	2.16	2.16			
O.W.C		6.1					
verage water content	5	5.5	5.4	5.2			
Dry density (gm/cm3)	2.04	2.06	2.05	2.05			
Max dry density	2.145	2.145	2.145	2.145			
Compaction ratio %	95.3	96.0	95.6	95.6			
Observations							
Lab Engineer :				Consultant Eng. :			
Sign :				Sign :			



Electric Express Train - HSR

الهيئة العامة للإستشارات
والبحوث والتدريب



PLATE LOADING TEST DIN 18134

Lab No

Client

Project

Location

Zero Reading

شركة المهندسون المتحدون (مصل ضبط الجودة)

النشاء القطر الكهربى السريع القطاع الاول من أكتوبر الى اسوان

122+650

-5.25

Level

-5.25

122+600-122+700

Soil Type

SOIL

sand & gravel

60 cm

1/5/2023

Stress on Soil		Applied Load (kg)	Gauge Reading (Bar)	Elapsed Time (min)	Dial Reading Nr (mm)		Average Reading (mm)	rem
(Kg/cm ²)	(MN/m ²)				(1)	(2)		
0.00	0.00	2261.95	65.57					
Loading				2.0	9.25	4.00	0.88	10.00
1.60	0.16	4523.89	131.15					
Loading				2.0	8.65	8.55	1.40	10.00
2.50	0.25	7068.58	204.92					
Loading				2.0	8.10	8.00	1.95	10.00
3.30	0.33	9330.53	270.44					
Loading				2.0	7.85	7.55	2.30	10.00
4.20	0.42	11875.22	344.26					
Loading				2.0	7.60	7.25	2.58	10.00
5.00	0.50	14137.17	409.83					
Loading				2.0	7.35	6.95	2.85	10.00

Stress on Soil		Applied Load (Tons)	Gauge Reading (BAR)	Elapsed Time (min)	Dial Reading Nr (mm)		Average Reading (mm)	rem
(Kg/cm ²)	(MN/m ²)				(1)	(2)		
2.50	0.25	7068.58	204.92					
Unloading				2.0	7.40	7.05	2.78	10.00
1.25	0.13	3534.29	102.46					
Unloading				2.0	7.55	7.20	2.63	10.00
0.00	0.00	0.00	0.00					
Unloading				2.0	8.35	7.90	1.65	10.00
0.80	0.08	2261.95	65.57					
Reloading				2.0	8.10	7.70	2.10	10.00
1.60	0.16	4523.89	131.15					
Reloading				2.0	7.70	7.45	2.43	10.00
2.50	0.25	7068.58	204.92					
Reloading				2.0	7.55	7.35	2.55	10.00
3.30	0.33	9330.53	270.44					
Reloading				2.0	7.35	7.20	2.73	10.00
4.20	0.42	11875.22	344.26					
Reloading				2.0	7.25	7.10	2.83	10.00
0.00	0.00	0.00	0.00					
Unloading				2.0	7.85	7.75	2.20	10.00

Tested by

محمد دويهي

Date

Checked by



Electric Express Train - HSR

الهيئة القومية للإنفاق

General Authority for the High-Speed Rail



PLATE LOADING TEST

DIN 18134

Lab. No. :

Client

Project

Location

Zero Reading

شركة المهندسون المتحدون (معمل ضبط الجودة)

انشاء القطار الكهربائي السريع القطاع الاول من اكتوبر الى اسوان

122+740

-5.25

Level

-5.25

122+600-122+760

Soil Type

SOIL

sand&gravel

: 60 cm

1/5/2023

Stress on Soil		Applied Load	Gauge Reading	Elapsed Time	Dial Reading Nur (mm)		Average Reading	zero
(Kg/cm ²)	(MN/m ²)	(kg)	(Bar)	(min)	(1)	(2)	(mm)	
0.80	0.08	2261.95	65.57					
Loading				2.0	7.05	6.95	1.00	8.00
1.60	0.16	4523.89	131.15					
Loading				2.0	6.70	6.55	1.38	8.00
2.50	0.25	7068.58	204.92					
Loading				2.0	6.30	6.20	1.75	8.00
3.30	0.33	9330.53	270.49					
Loading				2.0	6.00	5.80	2.10	8.00
4.20	0.42	11875.22	344.26					
Loading				2.0	5.65	5.55	2.40	8.00
5.00	0.50	14137.17	409.83					
Loading				2.0	5.40	5.30	2.65	8.00

Stress on Soil		Applied Load	Gauge Reading	Elapsed Time	Dial Reading Nur (mm)		Average Reading	zero
(Kg/cm ²)	(MN/m ²)	(Tons)	(BAR)	(min)	(1)	(2)	(mm)	
2.50	0.25	7068.58	204.92					
Unloading				2.0	5.50	5.40	2.55	8.00
1.25	0.13	3534.29	102.46					
Unloading				2.0	5.60	5.55	2.43	8.00
0.00	0.00	0.00	0.00					
Unloading				2.0	6.60	6.40	1.50	8.00
0.80	0.08	2261.95	65.57					
Reloading				2.0	6.00	6.00	2.00	8.00
1.60	0.16	4523.89	131.15					
Reloading				2.0	5.96	5.80	2.12	8.00
2.50	0.25	7068.58	204.92					
Reloading				2.0	5.75	5.65	2.30	8.00
3.30	0.33	9330.53	270.49					
Reloading				2.0	5.60	5.50	2.45	8.00
4.20	0.42	11875.22	344.26					
Reloading				2.0	5.40	5.30	2.65	8.00
0.00	0.00	0.00	0.00					
Unloading				2.0	6.30	6.00	1.85	8.00

Tested by

محمد دوي

Date

Checked by

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Request No. 1 - 149	
 Contractor : المهندسون المتحدون للمقاولات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	 Trans GARB Consultant	Date 1 / 5 \ 2023

Request for Inspection

We request your attendance to inspect the following works :

Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey

Inspection time : _____ Date : ____ / ____ / ____

Location : Inspection Zone From Station : 122+760 To Station : 122+800

References : _____ Specification : _____

Inspection : ☒ First ☐ Second ☐ Third

Purpose of the Inspection :

1. Earthworks

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ Excavation

☐ Sub Grade

☐ Sub Ballast

☐ Ballast Embankment

2. Civil Works

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☒ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

4. Surveying

☒ Setting out

☒ Levels

☐ Verticality

☐ NGL

5. Structures

☐ Formwork

☐ Reinforcement

☐ Concreteing

☐ Earthing

Others (specify) _____

Particular Details Layer (- 5.25) BackFill

Submitted by : م / عبد الهادي Signature : عبد الهادي

Inspection Report :	Surveying systems	Signature
Surveyor	عبد الهادي	عبد الهادي
The work have found to be :	☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)	

Inspection Report :	EnTrans Consulting	Signature
Structural Eng. Civil Eng. E/M Eng. Arch. Eng. Resident Engineer	ok	عبد الهادي
The work have found to be :	☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)	
Signature		Date : ____ / ____ / ____

Engineer's Representative " SYSTRA " comments : _____

Signature : _____ Date : ____ / ____ / ____

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

يُسلم الأصل للهيئة العامة للطرق والكباري
ولسعة للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاومات العامة و التوريدات

Data Surveying

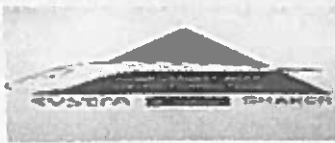
Request Number : L-

Station	Elevation Design	Slope	عرض الطبقة شمال	center	ارتفاع عمود الردم = عرض الطبقة يعين
122+760	66.06	0.00%	20.505	0	5.25
ACT.READ			59.91	59.91	17.215
DEF.					59.91
122+780	65.852	0.00%	43	43	
ACT.READ			59.702	59.702	59.702
DEF.					59.702
122+800	65.643	0.00%	42	42	
ACT.READ			59.493	59.493	59.493
DEF.					59.493
			42	42	41

استشاري المساحة
الاسم / عاطف كمال
التوقيع

المهندس المفوض من الشركة
الاسم / احمد نصر
التوقيع

	Electric Express Train - HSR			
	October Aswan Electric Express Train			
	Section -1 (October -Bani Mazar)			
	From Station 121+000 To Station 124+000			
Testing Date : 2023\5\1 Company : المهندسون المتحدون				
Material :				
Location : 122+760 TO 122+800				
Layer Thickness : 50cm Level layer 5.25-				
deep				
Station	122+780			
Hole no	1	2		
Bulk density specifid	1.52	1.52		
wt .of sand befor test	9132	9132		
WT .of sand after test	4756	4756		
WT . Of sand fill cone	1476	1476		
WT . Of sand In hole	2900	2900		
Volume of hole	1908	1908		
WT . Of sample from	4140	4140		
Bulk density of soil	2.17	2.17		
O.W.C 8				
verage water content	7.2	7		
Dry density (gm/cm3)	2.02	2.03		
Max dry density	2.12	2.12		
Compaction ratio %	95.5	95.7		
Observations				
Lab Engineer :				
Sign :		Consultant Eng. :		
Sign :		Sign :		



Electric Express Train - HSR

الهيئة القومية للإنتاج



Eim Trautman
CONSULTING

PLATE LOADING TEST DIN 18134

Lab. No.

Client

Project

Location

Zero Reading

شركة المهندسون المتحنون (معمل ضبط الجودة)

اتشاء القطر الكهربائي السريع القطاع الاول من أكتوبر الى اسوان

122+780

-5.25

Level

-5.25
122+760-122+800

Soil Type

sand&gravel

: 60 cm

SOIL

1/5/2023

Stress on Soil		Applied Load (kg)	Gauge Reading (Bar)	Elapsed Time (min.)	Dial Reading Nur (mm)		Average Reading (mm)	zero
(Kg/cm ²)	(MN/m ²)				(1)	(2)		
0.80	0.08	2261.95	65.57					
Loading				2.0	7.40	7.25	0.68	8.00
1.60	0.16	4523.89	131.15					
Loading				2.0	7.90	6.75	1.13	8.00
2.50	0.25	7068.58	204.92					
Loading				2.0	8.60	6.15	1.63	8.00
3.30	0.33	9330.53	270.49					
Loading				2.0	6.20	6.00	1.90	8.00
4.20	0.42	11875.22	344.26					
Loading				2.0	5.90	5.80	2.15	8.00
5.00	0.50	14137.17	409.83					
Loading				2.0	5.75	5.60	2.33	8.00

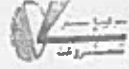
Stress on Soil		Applied Load (Tons)	Gauge Reading (BAR)	Elapsed Time (min.)	Dial Reading Nur (mm)		Average Reading (mm)	zero
(Kg/cm ²)	(MN/m ²)				(1)	(2)		
2.50	0.25	7068.58	204.92					
Unloading				2.0	5.85	5.70	2.23	8.00
1.25	0.13	3534.29	102.46					
Unloading				2.0	5.95	5.80	2.13	8.00
0.00	0.00	0.00	0.00					
Unloading				2.0	7.10	6.70	1.10	8.00
0.80	0.08	2261.95	65.57					
Reloading				2.0	6.55	6.30	1.58	8.00
1.60	0.16	4523.89	131.15					
Reloading				2.0	6.40	6.10	1.75	8.00
2.50	0.25	7068.58	204.92					
Reloading				2.0	6.30	5.90	1.90	8.00
3.30	0.33	9330.53	270.49					
Reloading				2.0	6.15	5.65	2.10	8.00
4.20	0.42	11875.22	344.26					
Reloading				2.0	6.00	5.45	2.28	8.00
0.00	0.00	0.00	0.00					
Unloading				2.0	6.90	6.50	1.30	8.00

Tested by

محمد دويهي

Date

Checked by

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Request No. 150	
 Contractor : المهندس المتخصص للمحطات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	Trans  GARB Consultant	Date 7 / 5 / 2023

Request for Inspection

We request your attendance to inspect the following works :

Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey

Inspection time : _____ Date : ____/____/____

Location : **Inspection Zone** From Station : 122+820 To Station : 123+000

References : _____ Specification: _____

Inspection : ☒ First ☐ Second ☐ Third

Purpose of the inspection :

1. Earthworks

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ Excavation

☐ Sub Grade

☐ Sub Ballast

☐ Ballast Embankment

2. Civil Work

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

5. Structure

☐ Formwork

☐ Reinforcement

☐ Concreteing

☐ Earthing

4. Surveying

☒ Setting out

☒ Levels

☐ Verticality

☐ NGL

Others (specify) _____

Particular Details **Layer (- 4.75) BackFill**

Submitted by : **م / عمر عبد الصبور** Signature : **عمر عبد الصبور**

Inspection Report :	Surveying systems	Signature
Surveyor	تم رفضه القطاع طبعا للرفقات	
The work have found to be :	☐ Approved (A) ☐ Approved as Noted (B) ☒ Revise & Resubmit (C) ☐ Rejected (D)	

Inspection Report :	EnTrans Consulting	Signature
Structural Eng.		
Civil Eng.	ok	
E/M Eng.		
Arch. Eng.		
Resident Engineer	Rej	

The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revise & Resubmit (C) ☒ Rejected (D)

Signature _____ Date **8/5/2023**

Engineer's Representative **SYSTRA** comments : _____

Signature : _____ Date : ____/____/____

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents

إسليم الأصل للهيئة العامة للطرق والكباري ونسخه للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Request Number : L-150

Data Surveying

Station	Elevation Design	Slope	عرض الطبقة شمال	center	ارتفاع عمود الردم = عرض الطبقة يمين
122+800 ACT.READ	65.643	0.00%	19.755 59.993	0	12
DEF.					16.46
122+820 ACT.READ	65.434	0.00%	59.993	59.993	59.993
DEF.					
122+840 ACT.READ	65.225	0.00%	59.993	59.993	59.993
DEF.					
122+860 ACT.READ	65.016	0.00%	59.993	59.993	59.993
DEF.					
122+880 ACT.READ	64.807	0.00%	59.993	59.993	59.993
DEF.					
122+900 ACT.READ	64.599	0.00%	59.993	59.993	59.993
DEF.					
122+920 ACT.READ	64.39	0.00%	59.993	59.993	59.993
DEF.					
122+940 ACT.READ	64.181	0.00%	59.993	59.993	59.993
DEF.					
122+960 ACT.READ	63.972	0.00%	59.993	59.993	59.993
DEF.					

411205

 Employer Consultant	Electric Express Train - HSR From october to Aswan	 الهيئة العامة للنقل	Request No. 150
 المهندس المنفذ للمقاولات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From Station 121+000 To Station 124+000	 Trans GARB Consultant	Date 15 / 5 / 2023

Request for Inspection

We request your attendance to inspect the following works :

Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey

Inspection time : _____ Date : ____ / ____ / ____

Location : _____ Inspection Zone : _____ From Station : 122+820 To Station : 123+000

References : _____ Specification: _____

Inspection : ☐ First ☒ Second ☐ Third

Purpose of the inspection :

1. Earthworks

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ Excavation

☐ Sub Grade

☐ Sub Ballast

☒ Badger / Bankment

2. Civil Work

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

4. Surveying

☒ Setting out

☒ Levels

☐ Verticality

☐ NGL

5. Structure

☐ Formwork

☐ Reinforcement

☐ Concreteing

☐ Earthing

Others (specify) _____

Particular Details _____ Layer (- 4.75) BackFill

Submitted by : _____ عمر عبد الصبور Signature: _____

Inspection Report :	Surveying systems
Surveyor : _____	Signature: _____
The work have fount to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)	

Inspection Report :	EnTrans Consulting
Structural Eng. Civil Eng. E/M Eng. Arch. Eng. Resident Engineer	Signature: _____ OK
The work have fount to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revise & Resubmit (C) ☐ Rejected (D)	
Signature : _____ Date : ____ / ____ / ____	

Engineer's Representative " SYSTRA " comments :

Signature : _____ Date : ____ / ____ / ____

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liability under the Contract or constitute authorization of any change to Contract Documents.

بسم الأصل للهيئة العامة للطرق والكباري
ولسغة للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Request Number : L-150

Data Surveying

Request Number : L-150										ارتفاع عمود الردم = عرض الطبقة يعين	
Data Surveying										4.75	
عرض الطبقة شمال										center	
Station	Elevation Design	Slope	16	12	8	4	0	4	8	12	
122+820	65.434	0.00%	59.784	59.784	59.784	59.784	59.784	59.784	59.784	59.784	
ACT.READ											
DEF.			+3	-2	+2	-1	+3	+2	-2	+3	+2
122+840	65.225	0.00%	59.575	59.575	59.575	59.575	59.575	59.575	59.575	59.575	59.575
ACT.READ											
DEF.			+3	-2	+3	+2	-2	+3	+2	-2	+3
122+860	65.016	0.00%	59.366	59.366	59.366	59.366	59.366	59.366	59.366	59.366	59.366
ACT.READ											
DEF.			+2	+2	-2	+2	-2	+2	+3	+2	-2
122+880	64.807	0.00%	59.157	59.157	59.157	59.157	59.157	59.157	59.157	59.157	59.157
ACT.READ											
DEF.			+3	-2	+3	+2	-2	+3	+2	-2	+3
122+900	64.599	0.00%	58.949	58.949	58.949	58.949	58.949	58.949	58.949	58.949	58.949
ACT.READ											
DEF.			+3	-2	+3	+2	-2	+2	-2	+3	+2
122+920	64.39	0.00%	58.74	58.74	58.74	58.74	58.74	58.74	58.74	58.74	58.74
ACT.READ											
DEF.			+3	-2	+2	+2	-2	+3	+2	-2	+3
122+940	64.181	0.00%	58.531	58.531	58.531	58.531	58.531	58.531	58.531	58.531	58.531
ACT.READ											
DEF.			+3	-2	+3	+2	-2	+3	+2	-2	-2
122+960	63.972	0.00%	58.322	58.322	58.322	58.322	58.322	58.322	58.322	58.322	58.322
ACT.READ											
DEF.			+3	-2	+3	+2	-2	+3	+2	+2	-2
122+980	63.763	0.00%	58.113	58.113	58.113	58.113	58.113	58.113	58.113	58.113	58.113
ACT.READ											
DEF.			+3	+2	+2	-2	+2	+2	+3	+2	-2

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة و التوريدات

Data Surveying

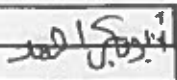
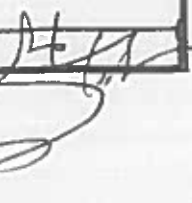
Request Number : L-150

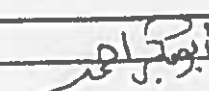
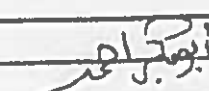
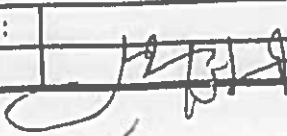
Request Number : L-150										ارتفاع عمود الردم =	
										4.75	
										عرض الطبقة يعين	
										center	
										عرض الطبقة شمال	
123+000	63.555	0.00%	57.905	57.905	57.905	57.905	57.905	57.905	57.905	57.905	57.905
ACT.READ											
DEF			+3	-2	-2	+3	+3	+3	-2	-2	+2

المهندس المفوض من الشركة
الاسم / عمر عبد الصبور
التوقيع / عمر عبد الصبور

استشاري المساحة
الاسم / عاطف كمال
التوقيع /

عبد الله

 Trans	Electric Express Train - HSR				 الهيئة القومية للإنتقال للمواصلات ISARST																																																																								
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Layer Thickness :		50cm		Level layer		4.75-																																																																							
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Lab Engineer :				Consultant Eng. :																																																																																										
Sign :				Sign :																																																																																										

 Employer Consultant	Electric Express Train - HSR	 Trans	Request No. L-151
	From october to Aswan		
 المهندسون المتخصصون للمشاريع	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)	 GARB Consultant	Date 21-6-2023
	Contractor Zone From station 121+000 To station 124+000		

Request for Inspection

We request your attendance to inspect the following works :

Discipline : ☒ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey

Inspection time : _____ Date : ____/____/____

Location : Contractor Zone From Station **122+000** To Station **122+440**

References : _____ Specification: _____

Inspection : ☒ First ☐ Second ☐ Third

Purpose of the inspection :

1. Earthwork

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ Excavation

☐ Sub Grade

☐ Sub Ballast

☐ Ballast

☒ Embankment

2. Civil Work

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

4. Surveying

☒ Setting out

☒ Levels

☐ Verticality

☐ NGL

5. Structure

☐ Formwork

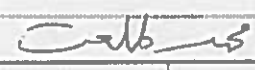
☐ Reinforcement

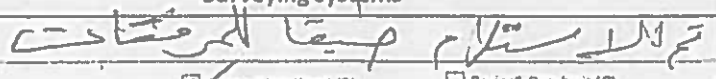
☐ Concreting

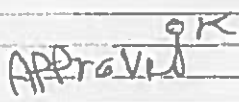
☐ Earthing

Others (specify) : _____

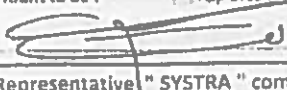
Particular Details : **Layer (-4.5) BackFill**

Submitted by : **محمد طلعت** Signature : 

Inspection Report :	Surveying systems	Signature
Surveyor		
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)		

Inspection Report :	EnTrans Consulting	Signature
Structural Eng.		
Civil Eng.		
E/M Eng		
Arch. Eng.		
Resident Engineer		

The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Signature :  Date : **22/6/2023**

Engineer's Representative " SYSTRA " comments : _____

Signature : _____ Date : ____/____/____

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

بإسم الأصل للهيئة العامة للطرق والكباري
 ونسخه للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
شركة الهندسة المعمارية للمقاولات العامة والتوريدات

Request Number 1-151

Data Surveying

Station	Elevation	Slope	عرض المبنى بيت	16	12	8	4	center	4	8	12	ارتفاع عمود الزنم
122+000	73.996	0.00%	68.596	68.596	68.596	68.596	68.596	68.596	68.596	68.596	68.596	16.090
ACT.READ												
DEF.			+3	+2	-2	+3	+2	-2	+3	+4	+3	+2
122+020	73.787	0.00%	68.387	68.387	68.387	68.387	68.387	68.387	68.387	68.387	68.387	68.387
ACT.READ												
DEF.			-2	+3	+2	-2	+3	+2	-2	+3	+2	-2
122+040	73.578	0.00%	68.178	68.178	68.178	68.178	68.178	68.178	68.178	68.178	68.178	68.178
ACT.READ												
DEF.			+3	+2	-2	+2	-2	+2	-2	+3	+2	-2
122+060	73.369	0.00%	67.969	67.969	67.969	67.969	67.969	67.969	67.969	67.969	67.969	67.969
ACT.READ												
DEF.			-2	-1	+2	+2	+3	+2	-2	+2	+2	+2
122+080	73.160	0.00%	67.760	67.760	67.760	67.760	67.760	67.760	67.760	67.760	67.760	67.760
ACT.READ												
DEF.			+3	+2	-2	+1	+2	+3	+2	-2	+1	+3
122+100	72.951	0.00%	67.551	67.551	67.551	67.551	67.551	67.551	67.551	67.551	67.551	67.551
ACT.READ												
DEF.			+5	+3	+2	+2	+3	+4	+3	+2	+2	-2
122+120	72.743	0.00%	67.343	67.343	67.343	67.343	67.343	67.343	67.343	67.343	67.343	67.343
ACT.READ												
DEF.			+2	+2	-2	+2	-2	+2	+3	+2	-2	+3
122+140	72.534	0.00%	67.134	67.134	67.134	67.134	67.134	67.134	67.134	67.134	67.134	67.134
ACT.READ												
DEF.			+2	+3	+2	+2	+2	+3	+4	+3	+2	-2
122+160	72.325	0.00%	66.925	66.925	66.925	66.925	66.925	66.925	66.925	66.925	66.925	66.925
ACT.READ												
DEF.			-2	+2	-2	+2	-2	+2	+3	+2	-2	-2
122+180	72.116	0.00%	66.716	66.716	66.716	66.716	66.716	66.716	66.716	66.716	66.716	66.716
ACT.READ												
DEF.			-2	+3	+3	+2	-2	+2	+3	+2	-2	4

الاسم /
التوقيع /
التاريخ /

الاسم /
التوقيع /
التاريخ /

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
 شركة الهندسة والبناء للمقاولات العامة والبرقيات

Data Surveying

Request Number: 1-151

Station	Elevation	Slope	16	12	8	4	Center	4	8	12	ارتفاع عمود الرام
DEF.	71.907	0.00%	66.507	66.507	66.507	66.507	66.507	66.507	66.507	66.507	16.090
ACT.READ											
DEF.	71.639	0.00%	66.299	66.299	66.299	66.299	66.299	66.299	66.299	66.299	
ACT.READ											
DEF.	71.490	0.00%	66.090	66.090	66.090	66.090	66.090	66.090	66.090	66.090	
ACT.READ											
DEF.	71.281	0.00%	65.881	65.881	65.881	65.881	65.881	65.881	65.881	65.881	
ACT.READ											
DEF.	71.072	0.00%	65.672	65.672	65.672	65.672	65.672	65.672	65.672	65.672	
ACT.READ											
DEF.	70.863	0.00%	65.463	65.463	65.463	65.463	65.463	65.463	65.463	65.463	
ACT.READ											
DEF.	70.654	0.00%	65.254	65.254	65.254	65.254	65.254	65.254	65.254	65.254	
ACT.READ											
DEF.	70.446	0.00%	65.046	65.046	65.046	65.046	65.046	65.046	65.046	65.046	
ACT.READ											
DEF.	70.237	0.00%	64.837	64.837	64.837	64.837	64.837	64.837	64.837	64.837	
ACT.READ											
DEF.	70.028	0.00%	64.628	64.628	64.628	64.628	64.628	64.628	64.628	64.628	
ACT.READ											
DEF.											

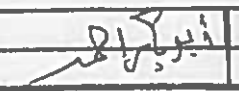
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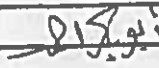
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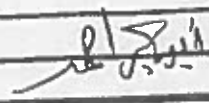
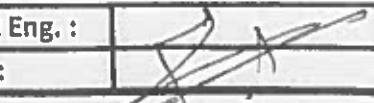
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
 شركة الهندسة المعمارية للمواصلات العامة والنقل
 Request Number L-151

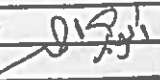
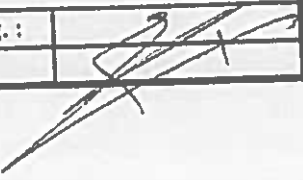
Station	Elevation	Slope	عرض الطريق متر	16	12	8	4	center	4	8	12	ارتفاع عمود الزنبرك
122+400	69.819	0.00%	64.419	64.419	64.419	64.419	64.419	64.419	64.419	64.419	64.419	عرض الطريق بين
ACT. READ			+3	+2	-2	-2	+3	+2	+4	+3	12	16.090
DEF.	69.610	0.00%	64.210	64.210	64.210	64.210	64.210	64.210	64.210	64.210	64.210	
122+420			+3	+2	-2	-2	+3	+2	+4	+2	-2	
ACT. READ			+3	+3	+2	+2	-2	+3	4	64.002	64.002	+3
DEF.			+3	+3	+2	+2	-2	+3	4	64.002	64.002	
122+440	69.402	0.00%	64.002	64.002	64.002	64.002	64.002	64.002	64.002	64.002	64.002	
ACT. READ			+3	+2	-2	-2	+3	+4	+3	+2	-2	+3
DEF.			+3	+2	-2	-2	+3	+4	+3	+2	-2	

الاسم /
 الموقع /
 المهندس المعماري المساحة
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WT . Of sample from	4412	4350	4365	4175	4270	4500																																																																						
Bulk density of soil	2.18	2.16	2.18	2.17	2.18	2.20																																																																						
<table border="1"> <tr> <td>O.W.C</td> <td colspan="6">7.8</td> </tr> <tr> <td>verage water content</td> <td>5.8</td> <td>5.9</td> <td>5.7</td> <td>6.2</td> <td>6.5</td> <td>6</td> </tr> <tr> <td>(gm/cm3)Dry density</td> <td>2.06</td> <td>2.04</td> <td>2.06</td> <td>2.04</td> <td>2.05</td> <td>2.08</td> </tr> <tr> <td>Max dry density</td> <td>2.129</td> <td>2.129</td> <td>2.129</td> <td>2.129</td> <td>2.129</td> <td>2.129</td> </tr> <tr> <td>Compaction ratio %</td> <td>97.0</td> <td>95.7</td> <td>96.7</td> <td>96.0</td> <td>96.1</td> <td>97.6</td> </tr> <tr> <td>Observations</td> <td colspan="6"></td> </tr> </table>							O.W.C	7.8						verage water content	5.8	5.9	5.7	6.2	6.5	6	(gm/cm3)Dry density	2.06	2.04	2.06	2.04	2.05	2.08	Max dry density	2.129	2.129	2.129	2.129	2.129	2.129	Compaction ratio %	97.0	95.7	96.7	96.0	96.1	97.6	Observations																																		
O.W.C	7.8																																																																											
verage water content	5.8	5.9	5.7	6.2	6.5	6																																																																						
(gm/cm3)Dry density	2.06	2.04	2.06	2.04	2.05	2.08																																																																						
Max dry density	2.129	2.129	2.129	2.129	2.129	2.129																																																																						
Compaction ratio %	97.0	95.7	96.7	96.0	96.1	97.6																																																																						
Observations																																																																												
Lab Engineer :			Consultant Eng. :																																																																									
Sign :			Sign :																																																																									

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Trans	Request No. L-152
 Contractor: المهندس المتحدر للملاحة	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BAN MAZAR) Contractor Zone From station 121+000 To station 124+000	GARB Consultant	Date 20/7/2023

Request for Inspection
 We request your attendance to inspect the following works :

Discipline: ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey					
Inspection time		Date	/ /		
Location :	Contractor Zone	From Station	122+440	To Station	122+640
References	Sign indication:				

Inspection: ☒ First ☐ Second ☐ Third

Purpose of the inspection :

1. Earthwork ☐ Striping ☐ Natural Sub Grade ☐ Upper Embankment excavation ☐ Sub Grade ☐ Sub Ballast ☒ Ballast ☐ Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☐ Setting out ☐ Levels ☐ Verticality ☐ NGL
--	--	--	--

Object (specify): _____
 Particular Details: Layer (-4.75) BackFill

Submitted by: مفتي طه Signature: _____

Inspection Report : Surveying systems

Surveyor: _____ Signature: _____

The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Inspection Report : EnTrans Consulting

Structural Eng. _____
 Civil Eng. _____
 E/M Eng. _____
 Arch. Eng. _____
 Resident Engineer: Signature

The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Signature: _____ Date: 21/7/2023

Engineer's Representative "SYSTRA" comments : _____

Signature : _____ Date : / /

Attach all relevant particular test forms
 Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any of its (s) Contract documents

يلم الأصل للهيئة العامة للتحريك والكباري ونسخه
 للجهات الاستشارية والشركة المنفذ

 Employer Consultant		Electric Express Train - HSR From October to Aswan		Request No. L-152	
 Contractor Zone		OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) From station 121+000 To station 124+000		Date 18/7/2023	
Trans GARD Consultant					

Request for Inspection

Inspection time: _____ Date: _____

Location: _____ Contractor Zone: _____ From Station: 122+440 To Station: 122+640

References: _____ Specification: _____

Inspection: ☒ First ☐ Second ☐ Third

Part of the inspection:

1. Civil Work

- ☐ Open Channels
- ☐ Box Culvert
- ☐ Pipe Culvert
- ☐ Slope protection
- ☐ Gabion
- ☐ Side Ditches
- ☐ Other

2. Drainage

- ☐ Formation
- ☐ Sides of Excavation
- ☐ Backfilling Layers
- ☐ Slope protection

3. Structure

- ☐ Formwork
- ☐ Reinforcement
- ☐ Concreteing
- ☐ Earthing

4. Surveying

- ☐ Setting out
- ☐ Levels
- ☐ Verticality
- ☐ NGL

Submitted by: _____ Signature: _____

Inspection Report: _____

Surveyor: _____

Work has been found to be: ☐ Approved (A) ☒ Approved as Noted (B) ☐ Rejected (C) ☐ Rejected (D)

Inspection Report: _____

EnTrans Consulting

Signature: _____

Structural Eng. _____

Civil Eng. _____

Arch. Eng. _____

Resident Engineer

Work has been found to be: ☐ Approved (A) ☒ Approved as Noted (B) ☐ Rejected (C) ☐ Rejected (D)

Engineer's Representative "SYSTRA" comments: _____

Signature: _____ Date: 18/7/2023

For the use of the Engineer's Representative only (to be filled in by the Engineer's Representative)

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
 شركة الهندسة المعماريين للمقاولات العامة والتوريلات
 Request Number 1-352

Data Surveying

Station	Reception Design	Slope	عرض المقطع - متر	16	12	8	4	center	4	8	12	لون سطح عمود الدوم
122+480	69.402	0.00%	19.755 61.752	62.752	61.752	62.752	62.752	62.752	62.752	62.752	62.752	عرض الطول - متر
ACT.READ												16.465
DEF.			63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543
122+460	69.193	0.00%	63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543	63.543
ACT.READ												63.334
DEF.			63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334
122+480	68.984	0.00%	63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334	63.334
ACT.READ												63.125
DEF.			63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125
122+500	64.775	0.00%	63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125	63.125
ACT.READ												62.916
DEF.			62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916
122+520	64.566	0.00%	62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916	62.916
ACT.READ												62.707
DEF.			62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707
122+540	64.357	0.00%	62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707	62.707
ACT.READ												62.499
DEF.			62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499
122+560	64.149	0.00%	62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499	62.499
ACT.READ												62.290
DEF.			62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290
122+580	63.940	0.00%	62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290	62.290
ACT.READ												62.081
DEF.			62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081
122+600	63.731	0.00%	62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081	62.081
ACT.READ												61.872
DEF.			61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872
122+620	63.522	0.00%	61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872	61.872
ACT.READ												61.663
DEF.			61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663
122+640	63.313	0.00%	61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663	61.663
ACT.READ												61.454
DEF.			61.454	61.454	61.454	61.454	61.454	61.454	61.454	61.454	61.454	61.454

المهندس المعماريين
 الاسم /
 التوقيع /

المهندس المعماريين
 الاسم /
 التوقيع /

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Electric Express Train - HSR

October Aswan Electric Express Train

Section -1 (October -Bani Mazar)

From Station 121+000
To Station 124+000

المهندسة العامة للإنشاءات

المهندسة العامة للإنشاءات
طرق و الجسور و الحفر
والمرافق

Testing Date :

21/7/2023

Company :

المهندسون المتحدون

Material :

soil

request no

L-152

Location :

122+440

122+640

CODE

Layer Thickness :

50

Level layer

4.75-

Station	DEEP	DEEP	DEEP	DEEP		
Hole no	5	6	7	8		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	8980	8475	8544	8258		
WT .of sand after test	4765	4402	4365	4063		
WT . Of sand fill cone	1435	1415	1435	1435		
WT . Of sand in hole	2780	2658	2744	2760		
Volume of hole	1913	1829	1889	1900		
WT . Of sample from hole (gm)	4090	3874	3987	4022		
Bulk density of soil (gm/cm3)	2.14	2.12	2.11	2.12		

Average water content %	7.2	6.3	6.2	6.4		
Dry density (gm/cm3)	1.99	1.99	1.99	1.99		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	95.4	95.3	95.1	95.2		
Observations						

Lab Engineer :

Handwritten signature of Lab Engineer

Consultant Eng. :

Handwritten signature of Consultant Engineer



Electric Express Train - HSR

October Aswan Electric Express Train

Section -1 (October -Bani Mazar)

From Station 121+000

To Station 124+000

المهندسة القومية للتدريب

التدريب والتأهيل
للمهندسين والمهندسات
(GARB)

Testing Date :

21/7/2023

Company :

المهندسون المتحدون

Material :

soil

request no

L-152

Location :

122+440

122+640

CODE

Layer Thickness :

50

Level layer

4.75-

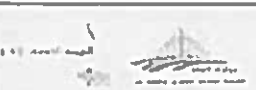
Shallow

Station	118+780	118+800	122+780	122+820		
Hole no	5	6	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	8020	8685	8600	8960		
WT .of sand after test	3789	4215	4480	4889		
WT . Of sand fill cone	1435	1415	1435	1435		
WT . Of sand in hole	2796	3055	2685	2636		
Volume of hole	1924	2103	1848	1814		
WT . Of sample from hole (gm)	4125	4477	3970	3870		
Bulk density of soil (gm/cm3)	2.14	2.13	2.15	2.13		

Average water content %	6.7	7.2	6.4	6.5		
Dry density (gm/cm3)	2.01	1.99	2.02	2.00		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	96.1	95.0	96.6	95.8		
Observations						

Lab Engineer :

Consultant Eng. :

 Employer Consultant	Electric Express Train - HSR		 GARB Consultant		Request No. L-153
	From October to Aswan				Date 20/7/2023
 المستشار المتكامل للمشاريع	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000		 Trans		
Request for Inspection					
We request your attendance to inspect the following works:					
Discipline: ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey					
Inspection time:		Date: / /			
Location:		Contractor Zone		From Station	122+640
		To Station		122+820	
References		Specification:			
Inspection: ☐ First ☒ Second ☐ Third					
Purpose of the inspection:					
1. Earthworks ☐ Stripping ☐ Natural Sub Grade ☐ Upper Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☐ Ballast ☒ Embankment		2. Civil Works ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other		3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL	
		5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing			
Others (specify):					
Particular Details: Layer (-4.75) BackFill					
Submitted by:		Signature:			
Inspection Report:		Surveying systems			
Surveyor:		Signature:			
The work have found to be:		☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)			
Inspection Report:		EnTrans Consulting			
Structural Eng.		Signature:			
Civil Eng.		Signature:			
E/M Eng.		Signature:			
Arch. Eng.		Signature:			
Resident Engineer		Signature:			
The work have found to be:		☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)			
Signature:		Date: 21/7/2023			
Engineer's Representative "SYSTRA" comments:					
Signature:					
Date: / /					
Attach all relevant particular test forms					
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents					

بسم الأصل للهيئة العامة للطرق والكباري ولحقه
للجهات الاستشارية والشركاء المنفذة

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Trans	Request No. L-153
 Contractor	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000	GARB Consultant	Date 18/7/2023

Request for Inspection

Verify your attendance to inspect the following works

Discipline	☒ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey				
Inspection Time	Date: / /				
Location:	Contractor Zone	From Station	122+640	To Station	122+820
References	Specification:				
Inspector	☒ First ☐ Second ☐ Third				

Purpose of the Inspection:

1. Earthwork

☒ Striping

☐ Natural Sub Grade

☐ Under Embankment

☐ Excavation

☐ Gabion

☐ Side Ditches

☐ Other

2. Civil Work

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3. Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

4. Surveying

☒ Setting out

☐ Levels

☐ Verticality

☐ NGL

5. Structure

☐ Formwork

☐ Reinforcement

☐ Concreteing

☐ Earthing

 سلم الأصل للهيئة العامة للطرق والكباري ونسخه
 للجهات الإستشارية والشركه المنفذه

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
 شركة الهندسة المعماريات والبناء والتشييد

Data Surveying

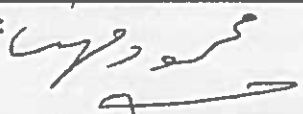
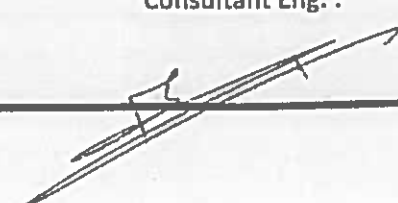
Request Number L-153

Station	Elevation Design	Slope	نقطة	16	12	8	center	4	8	12	ارتفاع	نقطة
122+640	67.313	0.00%	19.735 61.663	51.641	61.663	61.663	61.663	61.663	61.663	61.663	4.75	16.465
ACT READ			+5	+2	-3	-3	+4	+2	+5	+2		+3
DEF		0.00%	61.454	61.454	61.454	61.454	61.454	61.454	61.454	61.454		61.454
122+660	67.104		+4	+3	+2	+9	+5	+2	-3	+4		+2
ACT READ			61.246	61.246	61.246	61.246	61.246	61.246	61.246	61.246		61.246
DEF		0.00%	61.746	61.746	61.746	61.746	61.746	61.746	61.746	61.746		61.746
122+680	66.876		+2	+4	+3	+2	+5	+4	-3	+5		+4
ACT READ			61.037	61.037	61.037	61.037	61.037	61.037	61.037	61.037		61.037
DEF		0.00%	61.037	61.037	61.037	61.037	61.037	61.037	61.037	61.037		61.037
122+700	66.687		+2	-3	+4	+2	+5	+4	+2	+5		+5
ACT READ			60.878	60.878	60.878	60.878	60.878	60.878	60.878	60.878		60.878
DEF		0.00%	60.878	60.878	60.878	60.878	60.878	60.878	60.878	60.878		60.878
122+720	66.478		+3	+4	-3	+5	+5	+3	+4	+5		+3
ACT READ			60.619	60.619	60.619	60.619	60.619	60.619	60.619	60.619		60.619
DEF		0.00%	60.619	60.619	60.619	60.619	60.619	60.619	60.619	60.619		60.619
122+740	66.269		+4	-3	+4	+3	+2	+5	+3	-3		+4
ACT READ			60.410	60.410	60.410	60.410	60.410	60.410	60.410	60.410		60.410
DEF		0.00%	60.410	60.410	60.410	60.410	60.410	60.410	60.410	60.410		60.410
122+760	66.060		-3	+4	+3	+3	-4	+4	-3	+4		+3
ACT READ			60.202	60.202	60.202	60.202	60.202	60.202	60.202	60.202		60.202
DEF		0.00%	60.202	60.202	60.202	60.202	60.202	60.202	60.202	60.202		60.202
122+780	65.873		+4	+3	+2	+2	+2	+2	+3	-3		+4
ACT READ			59.993	59.993	59.993	59.993	59.993	59.993	59.993	59.993		59.993
DEF		0.00%	59.993	59.993	59.993	59.993	59.993	59.993	59.993	59.993		59.993
122+800	65.643		+5	+2	-3	+4	+5	-3	+4	+2		+3
ACT READ			59.784	59.784	59.784	59.784	59.784	59.784	59.784	59.784		59.784
DEF		0.00%	59.784	59.784	59.784	59.784	59.784	59.784	59.784	59.784		59.784
122+820	65.434		+4	-3	+2	+3	+4	-3	+2	+3		+2
ACT READ			59.525	59.525	59.525	59.525	59.525	59.525	59.525	59.525		59.525
DEF		0.00%	59.525	59.525	59.525	59.525	59.525	59.525	59.525	59.525		59.525

اسم /
التوقيع /

اسم /
التوقيع /

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	Electric Express Train - HSR				الهيئة القومية للارصاد الجيولوجية الجيوتقنية والكهرومغناطيسية (GARBLI)	
	October Aswan Electric Express Train					
	Section -1 (October -Bani Mazar)					
	From Station 121+000 To Station 124+000					
Testing Date :	21/7/2023		Company :		المهندسون المتحدون	
Material :	soil		request no		L-153	
Location :	122+640		122+820		CODE	
Layer Thickness :	50		Level layer		4.75-	
Station	DEEP	DEEP	DEEP	DEEP		
Hole no	5	6	7	8		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	8958	9658	9741	9258		
WT .of sand after test	4722	5715	5636	5055		
WT . Of sand fill cone	1435	1415	1435	1415		
WT . Of sand in hole	2801	2528	2670	2788		
Volume of hole	1928	1740	1838	1919		
WT . Of sample from hole (gm)	4125	3682	3925	4152		
Bulk density of soil (gm/cm3)	2.14	2.12	2.14	2.16		
Average water content %	7.3	6.3	7.3	7.4		
Dry density (gm/cm3)	1.99	1.99	1.99	2.01		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	95.4	95.3	95.2	96.4		
Observations						
Lab Engineer :  Consultant Eng. : 						



Electric Express Train - HSR

الهيئة العامة للغذاء والدواء

October Aswan Electric Express Train

Section -1 (October -Bani Mazar)

From Station 121+000

To Station 124+000

المهندسون المتحدون
للبنية التحتية والبناء
(OARF: 1)

Testing Date :

21/7/2023

Company :

المهندسون المتحدون

Material :

soil

request no

L-153

Location :

122+640

122+820

CODE

Layer Thickness :

50

Level layer

4.75-

shallow

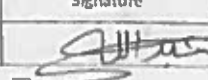
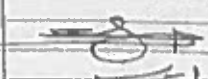
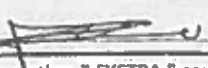
Station	122+680	122+730	122+780	122+820		
Hole no	1	2	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	9575	9254	8748	8665		
WT .of sand after test	4875	4452	4287	4155		
WT . Of sand fill cone	1435	1415	1435	1415		
WT . Of sand in hole	3265	3387	3026	3095		
Volume of hole	2247	2331	2083	2130		
WT . Of sample from hole (gm)	4889	4972	4458	4580		
Bulk density of soil (gm/cm3)	2.18	2.13	2.14	2.15		

Average water content %	7	6.5	7.3	7.2		
Dry density (gm/cm3)	2.03	2.00	1.99	2.01		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	97.3	95.8	95.5	96.0		
Observations						

Lab Engineer :

محمد دويش

Consultant Eng. :

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Trans	Request No. 1-154
 المقاولون العرب	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000	 GARB Consultant	Date 25/7/2023
Request for inspection			
We request your attendance to inspect the following works:			
Discipline: ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey			
Inspection time	Date: / /		
Location	Contractor Zone	From Station	To Station
Reference	Specifications		
Inspection: ☒ First ☐ Second ☐ Third			
Purpose of the inspection:			
1. Earthworks ☐ Striping ☐ Natural Sub Grade ☐ Impact Improvement ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☐ Ballast ☐ Slope Protection 2. Civil Works ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditch ☐ Other 3. Drainage ☐ Formation ☐ Sides of Retention ☐ Rocking Layers ☐ Stone protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concrete ☐ Earthing 4. Surveying ☐ Setting out ☐ Levels ☐ Verticality ☐ NGI			
Others: Particular Details: Layer (-1.75) Backfill			
Submitted by: / م /		Signature:	
Inspection Report: Surveyer: م. الاستاذ م. م. الرضا		Signature 	
The work have found to be: ☒ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)			
Inspection Report: Structural Eng. Civil Eng. E/M Eng. Arch. Eng. Resident Engineer:		Signature 	
The work have found to be: ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)			
Signature: 		Date: 26/7/2023	
Engineer's Representative " SYSTRA " comments :			
Signature: _____ Date: / /			
Attach all relevant particular test forms Approved: _____ Contractor or his authorized under the Contract or constitute authorization of this Range for Civil Engineering		يسلم الاصل للهيئة العامة للطرق والكباري وتسجده للجهات الاستشارية والشركة المنفذة	

شركة المهندسون المحدون للمقاولات العامة والبريديات

Request Number L-153

Data Surveying

[illegible]

استشاري المساحة

الاسم /

توضیحات

المهندسين المفقودين من الشركة

15

/ **المؤلف**

 Electric Express Train - HSR	October Aswan Electric Express Train		الهيئة العامة للإسكان الجداري والكثري والعملي (ARBIT)
	Section -1 (October -Bani Mazar)		
	From Station 121+000		
	To Station 124+000		

Testing Date :	26/7/2023	Company :	المهندسون المتحدون	
Material :	soil	request no	L-154	
Location :	123+000	123+160	CODE	QT-2
Layer Thickness :	50	Level layer	4.75-	

Shallow Test						
Station	123+050	123+090	123+130	123+160		
Hole no	1	2	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	9250	8231	8217	9009		
WT .of sand after test	5200	4090	4147	5240		
WT . Of sand fill cone	1435	1415	1435	1415		
WT . Of sand in hole	2615	2726	2635	2354		
Volume of hole	1800	1876	1813	1620		
WT . Of sample from hole (gm)	3875	4020	3830	3456		
Bulk density of soil (gm/cm3)	2.15	2.14	2.11	2.13		

Average water content %	6.5	6.6	6.2	6.4		
Dry density (gm/cm3)	2.02	2.01	1.99	2.00		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	96.7	96.2	95.2	95.9		
Observations						

Lab Engineer :

Consultant Eng. :

[Signature]

[Signature]



Trains

Electric Express Train - HSR

October Aswan Electric Express Train

Section -1 (October -Bani Mazar)

From Station 121+000

To Station 124+000

الهيئة العامة للإسكان

المشروع :
الخطوط الحديدية
(GAP) 1



Testing Date :

26/7/2023

Company :

المهندسون المتحدون

Material :

soil

request no

L-154

Location :

123+000

123+160

CODE

QT-2

Layer Thickness :

50

Level layer

4.75-

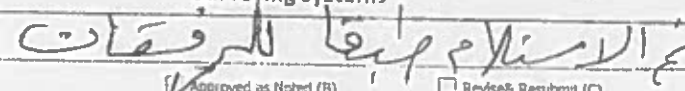
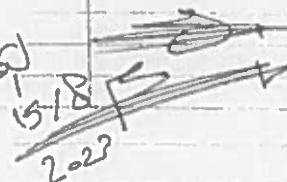
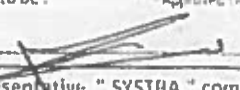
DEEP TEST

Station	1123+020	123+060	123+100	123+140		
Hole no	5	6	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	8457	9365	7893	8568		
WT .of sand after test	4568	5465	3675	4433		
WT . Of sand fill cone	1435	1415	1435	1435		
WT . Of sand in hole	2454	2485	2783	2700		
Volume of hole	1689	1710	1915	1858		
WT . Of sample from hole (gm)	3580	3647	4055	3988		
Bulk density of soil (gm/cm3)	2.12	2.13	2.12	2.15		

Average water content %	6.5	6.4	6	6.2		
Dry density (gm/cm3)	1.99	2.00	2.00	2.02		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	95.2	95.9	95.6	96.7		
Observations						

Lab Engineer :

Consultant Eng. :

 Employer Consultant	Electric Express Train - HSR From October to Aswan		 Trans		Request No. L-156
	 OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - DAMI MAZARI) Contractor Zone From station 121+000 To station 124+000		GARB Consultant		Date 1/8/2023
Request for Inspection We request your attendance to inspect the following works					
Discipline ☒ Survey ☐ Structure ☐ Drainage					
Inspection time		Date		Location	
Contractor Zone		From Station		123+180	To Station
References		123+380			
Inspection ☒ Fast ☐ Second ☐ Third					
Purpose of the Inspection :					
1. Earthworks ☐ Shoring ☐ Natural Sub Grade ☐ Upper Embankment ☐ excavation ☐ Sub Grade ☐ Sub Ballast ☐ Ballast		2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gascon ☐ Side Ditches ☐ Other		3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection	
		4. Surveying ☒ Setting out ☐ Levels ☐ Verticality ☐ NGI		5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earning	
Others (specify)					
Particular Details					
Submitted by محمد طلعت Signature: 					
Inspection Report : Surveying systems					
Surveyor				Signature	
The work have found to be : ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)					
Inspection Report : EnTrans Consulting					
Structural Eng.		Civil Eng.		Signature	
E/M Eng.		Arch. Eng.			
Resident Engineer					
The work have found to be : ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)					
Signature:  Date: 28/2/2023					
Engineer's Representative " SYSTHA " comments :					
Signature Date					
Attach all relevant particular test forms					
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents					

يُسلم الأصل للهيئة العامة للطرق والكباري ويستند
للمشاريع الإستشارية والشركة المنفذة

شركة المهندسون المتحدون للمقاولات العامة والتوريدات
Phone Number 1-156

Request Number L-156

Data Surveying										Request Number L-156										4.50	
Station	Elevation	Slope	16	12	8	4	center	4	8	12	16.090	16.215									
123-180	61.177	0.00%	56.275	56.275	56.275	56.275	56.275	56.275	56.275	56.275	56.275	56.275									
ACT READ			+3	-1	+2	+3	+2	-1	+2	+3	+2	+2									
DEF			56.064	56.064	56.064	56.064	56.064	56.064	56.064	56.064	56.064	56.064									
123-200	61.176	0.00%	56.857	56.857	56.857	56.857	56.857	56.857	56.857	56.857	56.857	56.857									
ACT READ			-2	+2	-1	+2	+3	+2	-1	+2	+3	+3									
DEF			55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857									
123-220	61.175	0.00%	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649									
ACT READ			-2	+3	+2	-1	+2	-1	+2	+3	+3	+2									
DEF			55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649									
123-240	61.173	0.00%	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440									
ACT READ			-1	+3	+2	-1	+2	+3	-1	+2	+3	+2									
DEF			55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440									
123-260	61.171	0.00%	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231									
ACT READ			+3	-2	+2	+3	+2	-1	+2	+3	+3	+2									
DEF			55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231									
123-280	61.169	0.00%	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022									
ACT READ			-2	-1	+2	+3	+2	-1	+2	+3	+2	-1									
DEF			55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022									
123-300	61.167	0.00%	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813									
ACT READ			+2	+3	+2	-2	-1	+2	+3	+2	+2	+2									
DEF			54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813									
123-320	61.165	0.00%	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605									
ACT READ			+3	+2	+2	+3	+2	-1	+2	+3	+3	+2									
DEF			54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605									
123-340	61.163	0.00%	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396									
ACT READ			-2	+2	-1	+2	+3	+2	-1	+2	+3	+3									
DEF			54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396									
123-360	61.161	0.00%	54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187									
ACT READ			+3	-1	+2	+3	+2	-1	+2	-1	+3	+3									
DEF			54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187	54.187									

استغفرني

1000

2016

11

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

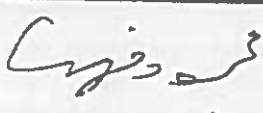
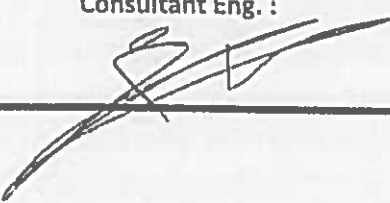
Request Number L-156

Data Surveying

Station	Elevation Design	Slope	عرض المنطقة يسار	16	12	8	4	center	4	8	12	عرض المنطقة يمين	ارتفاع عمود البرم
123+180	61.675	0.00%	19.380	56.275	56.275	56.275	56.275	56.275	56.275	56.275	56.275	16.090	4.50
ACT.READ			56.275									56.275	
DEF.			+3	+2	-2	+2	-1	+2	-1	+3	+2	+3	
123+200	61.466	0.00%	56.066	56.066	56.066	56.066	56.066	56.066	56.066	56.066	56.066	56.066	
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2	
DEF.			55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857	55.857	
123+220	61.257	0.00%											
ACT.READ			+3	+2	-1	+3	+2	-2	+3	+2	+3	+2	
DEF.			55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	55.649	
123+240	61.049	0.00%											
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2	
DEF.			55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	55.440	
123+260	60.84	0.00%											
ACT.READ			+3	+2	-1	+2	+3	+2	-2	+2	+3	+2	
DEF.			55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	55.231	
123+280	60.631	0.00%											
ACT.READ			+3	+2	-2	+2	+3	+2	-2	+2	+3	+2	
DEF.			55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	55.022	
123+300	60.422	0.00%											
ACT.READ			-2	+2	+3	+2	-2	+3	+2	-2	-3	+2	
DEF.			54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	54.813	
123+320	60.213	0.00%											
ACT.READ			+3	+2	-2	+3	+2	-1	+3	+2	-1	+3	
DEF.			54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	54.605	
123+340	60.005	0.00%											
ACT.READ			+3	+2	-2	+3	+2	+3	+2	-2	+3	+2	
DEF.			54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	
123+360	59.796	0.00%											
ACT.READ			+3	+2	+3	+2	+3	+2	+3	+2	-2	+3	
DEF.			54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	54.396	

المهندس المفوض من الشركة
الاسم / م. م. م.
التوقيع /

استشاري المساحة
الاسم /
التوقيع /

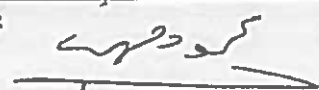
	Electric Express Train - HSR				الهيئة العامة للإسكان المهندسون المتحدون (ASSET)	
	October Aswan Electric Express Train					
	Section -1 (October -Bani Mazar)					
	From Station 121+000 To Station 124+000					
Testing Date :	2/8/2023	Company : المهندسون المتحدون				
Material :	soil	request no	L-156			
Location :	123+180	123+380	CODE	QT-2		
Layer Thickness :	50	Level layer	4.50-			
deep test						
Station	123+200	123+250	123+300	123+340		
Hole no	1	2	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	8562	8759	9258	7869		
WT .of sand after test	4415	4525	5152	3644		
WT . Of sand fill cone	1435	1415	1435	1435		
WT . Of sand in hole	2712	2819	2671	2790		
Volume of hole	1866	1940	1838	1920		
WT . Of sample from hole (gm)	3955	4105	3869	4065		
Bulk density of soil (gm/cm3)	2.12	2.12	2.10	2.12		
Average water content %						
	6.6	6.2	6	6.3		
Dry density (gm/cm3)						
	1.99	1.99	1.99	1.99		
Max dry density (gm/cm3)						
	2.09	2.09	2.09	2.09		
Compaction ratio %						
	95.1	95.3	95.0	95.3		
Observations						
Lab Engineer :  Consultant Eng. : 						

	Electric Express Train - HSR		الهيئة العامة للغذاء والدواء جمهورية مصر العربية وزارة الصحة والسكان (ARBIT)
	October Aswan Electric Express Train		
	Section -1 (October -Bani Mazar)		
	From Station 121+000 To Station 124+000		

Testing Date :	2/8/2023	Company :	المهندسون المتحدون	
Material :	soil	request no	L-156	
Location :	123+180	123+380	CODE	QT-2
Layer Thickness :	50	Level layer	4.50-	

Station	123+210	123+270	123+320	123+350		
Hole no	1	2	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	9625	9940	9085	9970		
WT .of sand after test	5165	5790	4657	5444		
WT . Of sand fill cone	1435	1415	1435	1435		
WT . Of sand in hole	3025	2735	2993	3091		
Volume of hole	2082	1882	2060	2127		
WT . Of sample from hole (gm)	4390	4025	4360	4537		
Bulk density of soil (gm/cm3)	2.11	2.14	2.12	2.13		

Average water content %	6	6.6	6.3	6.5		
Dry density (gm/cm3)	1.99	2.01	1.99	2.00		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	95.2	96.0	95.3	95.8		
Observations						

Lab Engineer :  Consultant Eng. : 

 Employer Consultant	Electric Express Train - HSR From october to Aswan		 Trans		Request No. L-157
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZARI) Contractor Zone From station 121+000 To station 124+000		 GARB Consultant		Date 6/18/2023

Request for Inspection

We request your attendance to inspect the following works:

Discipline: ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey

Inspection time: _____ Date: ____/____/____

Location	Contractor Zone	From Station	123+380	To Station	123+480
----------	-----------------	--------------	---------	------------	---------

References: _____

Inspection: ☒ First ☐ Second ☐ Third

Purpose of the inspection:

1. Earthworks
☐ Striping
☐ Natural sub-grade
☐ Upper Embankment
☐ excavation
☐ Sub Grade
☐ Sub Ballast
☐ Ballast
☒ Embankment

2. Civil Work
☐ Open Channels
☐ Box Culvert
☐ Pipe Culvert
☐ Slope protection
☐ Gabion
☐ Side Drains
☐ Other

3. Drainage
☐ Formation
☐ Sides of Excavation
☐ Backfilling Layers
☐ Slope protection
4. Structure
☐ Formwork
☐ Reinforcement
☐ Concreting
☐ Earthing

4. Surveying
☐ Setting out
☐ Levels
☐ Verticality
☐ NGI

Others (specify): _____

Particular Details: _____

Submitted by: محمد طالت / م Signature: _____

Inspection Report:

Surveying systems: (-4.00) *لنقل التربة لارتفاعات* Signature: _____

Surveyor: _____

The work have found to be: ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Inspection Report:

EnTrans Consulting Signature: _____

Structural Eng. *REIT*

Civil Eng. *OK*

E/M Eng. *Approved*

Arch. Eng. *لنقل التربة لارتفاعات*

Resident Engineer: _____

The work have found to be: ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Signature: _____ Date: 7/8/2023

Engineer's Representative "SYSTRA" comments: _____

Signature: _____

Attach all relevant material test forms

تمت الإجابة العامة للطرق والكباري وبنية الجسور والمشاوره والشركه السبله

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)
شركة الهندسوس المتحدون للمقاولات العامة والتوريدات

Request Number L-157

Data Surveying											عرض المنطقة بيت											center											عرض المنطقة بيت											ارتفاع عمود الورم		عرض المنطقة بيت	
Station	Extension Dodge	Slope	18.630	16	12	8	4	0	4	8	12	15.340	4.00	12	8	4	0	4	8	12	15.340	4.00	12	8	4	0	4	8	12	15.340																	
123+380	59.587	0.00%	54.687	54.687	54.687	54.687	54.687	54.687	54.687	54.687	54.687	54.687		54.687	54.687	54.687	54.687	54.687	54.687	54.687	54.687		54.687	54.687	54.687	54.687	54.687	54.687	54.687	54.687																	
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478																	
DEF.	59.378	0.00%	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478																	
123+400																																															
ACT.READ			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
DEF.	59.169	0.00%	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
123+420																																															
ACT.READ			-2	+2	+3	+2	-1	+2	+3	+2	-2	+3		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
DEF.	55.96	0.00%	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
123+440																																															
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	-2		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
DEF.	58.752	0.00%	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
123+460																																															
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
DEF.																																															
123+480	58.54	0.00%	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
ACT.READ																																															
DEF.			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3		53.434	53.434	53.434	53.434	53.434	53.434	53.434	53.434		53.434	53.434	53.434	53.434	53.434	53.434	53.434	53.434																	
123+500																																															
ACT.READ																																															
DEF.	59.378	0.00%	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478																	
123+400																																															
ACT.READ			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
DEF.	59.169	0.00%	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
123+420																																															
ACT.READ			-2	+2	+3	+2	-1	+2	+3	+2	-2	+3		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
DEF.	55.96	0.00%	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
123+440																																															
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	-2		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
DEF.	58.752	0.00%	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
123+460																																															
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
DEF.																																															
123+480	58.54	0.00%	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
ACT.READ																																															
DEF.			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3		53.434	53.434	53.434	53.434	53.434	53.434	53.434	53.434		53.434	53.434	53.434	53.434	53.434	53.434	53.434	53.434																	
123+500																																															
ACT.READ																																															
DEF.	59.378	0.00%	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478		54.478	54.478	54.478	54.478	54.478	54.478	54.478	54.478																	
123+400																																															
ACT.READ			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
DEF.	59.169	0.00%	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269		54.269	54.269	54.269	54.269	54.269	54.269	54.269	54.269																	
123+420																																															
ACT.READ			-2	+2	+3	+2	-1	+2	+3	+2	-2	+3		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
DEF.	55.96	0.00%	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060		54.060	54.060	54.060	54.060	54.060	54.060	54.060	54.060																	
123+440																																															
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	-2		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
DEF.	58.752	0.00%	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852		53.852	53.852	53.852	53.852	53.852	53.852	53.852	53.852																	
123+460																																															
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
DEF.																																															
123+480	58.54	0.00%	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643		53.643	53.643	53.643	53.643	53.643	53.643	53.643	53.643																	
ACT.READ																																															

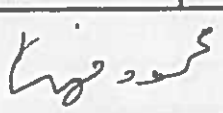
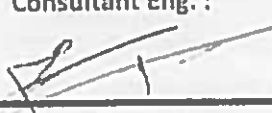
الاسم: 
التوقيع: 1

الاسم: 
التوقيع: 1

 الخط الكهربائي السريع Electric Express Train TRAINIS	Electric Express Train - HSR				الهيئة العامة للغذاء والدواء جمهورية مصر العربية وزارة الصحة (GARR, 1)	
	October Aswan Electric Express Train					
	Section -1 (October -Bani Mazar)					
	From Station 121+000 To Station 124+000					
Testing Date :	7/8/2023		Company :		المهندسون المتحدون	
Material :	soil		request no		L-157	
Location :	123+380		123+480		CODE	QT-3
Layer Thickness :	50		Level layer		4.00-	

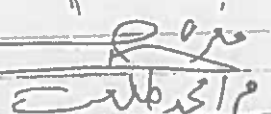
Station	123+400	123+460	DEEP	DEEP		
Hole no	1	2	3	4		
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453		
wt .of sand befor test	9730	8860	8640	9265		
WT .of sand after test	5525	4620	4452	5120		
WT . Of sand fill cone	1435	1415	1435	1415		
WT . Of sand in hole	2770	2825	2753	2730		
Volume of hole	1906	1944	1895	1879		
WT . Of sample from hole (gm)	4025	4155	4025	3955		
Bulk density of soil (gm/cm3)	2.11	2.14	2.12	2.10		

Average water content %	6	6.3	6.4	5.8		
Dry density (gm/cm3)	1.99	2.01	2.00	1.99		
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09		
Compaction ratio %	95.3	96.2	95.5	95.2		
Observations						

Lab Engineer :	Consultant Eng. :
	

 Employer Consultant	Electric Express Train - HSR		 Request No. L-158	
	From October to Aswan		 Trans GARB Consultant	
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER II - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000		Date 9/8/2023		
Request for Inspection				
We request your attendance to inspect the following works:				
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey				
Inspection time :		Date : / /		
Location :		Contractor Zone	From Station	To Station
References		Specification:		
Inspection : ☐ First ☒ Second ☐ Third				
Purpose of the inspection :				
1. Earthworks ☐ Striping ☐ Natural Sub Grade ☐ Upper Embankment ☐ extension ☐ Sub Grade ☐ Sub Ballast ☐ Ballast ☐ Substructure 2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other 3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 4. Surveying ☐ Setting out ☒ Levels ☐ Verticality ☐ NGL 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreteing ☐ Earthing				
Others (specify)				
Particular Details				
Layer (-3.75) BackFill				
Submitted by :		Signature :		
Inspection Report :		Surveying systems		Signature
Surveyor				
The work have found to be : ☒ Approved (A) ☒ Approved as noted (B) ☐ Revised/ Resubmit (C) ☐ Rejected (D)				
Inspection Report :		EnTrans Consulting		Signature
Structural Eng.				
Civil Eng.				
E/M Eng.				
Arch. Eng.				
Resident Engineer				
OK.				
The work have found to be : ☒ Approved (A) ☐ Approved as noted (B) ☐ Revised/ Resubmit (C) ☐ Rejected (D)				
Signature		Date: 10/8/2023		
Engineer's Representative " SYSTRA " comments :				
Signature :				
Attach all relevant particular test forms				
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract documents.				

بسم الله الرحمن الرحيم
 اللجنة العامة للدراس والمشاريع
 للهندسة الاستشارية والشركة المنفذة

 Employer Consultant	Electric Express Train - HSR	 Trans	Request No. L-158
	From October to Aswan		Date 8/2/2023
 Contractor	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000	GARB Consultant	
	Request for Inspection		
We request your attendance to inspect the following works :			
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☐ Survey			
Inspection time	Date : / /		
Location :	Contractor Zone	From Station 123+480	To Station 123+620
References	Specification		
Inspection :	☒ First ☐ Second ☐ Third		
Purpose of the Inspection :			
1. Earthworks ☐ Sloping ☐ Natural Sub Grade ☐ Upper Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Backfill ☐ Ballast ☐ Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection	4. Surveying ☐ Setting out ☐ Levels ☐ Verticality ☐ NGL
5. Structure ☐ Reinforcement ☐ Reinforcement ☐ Concreteing ☐ Earthing			
Others (specify) _____			
Signature :  Layer (-3.75) BackFill			
Submitted by : م / مغربي طه		Signature :	
Inspection Report :		Signature :	
Surveyor		Signature :	
The work have found to be :		Signature :	
☒ Approved (A) ☐ Disapproved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)		Signature :	
Inspection Report :		Signature :	
Structural Eng.	Approved according to Rev. 4 Retelhad 8/8/2023 2023 Report		
Civil Eng.			
E/M Eng.			
Arch. Eng.			
Resident Engineer			
The work have found to be :		Signature :	
☒ Approved (A) ☐ Disapproved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)		Signature :	
Engineer's Representative "SYSTRA" comments :			
Signature :			
Date : / /			
Attach all relevant particular test forms Approval shall not release Contractor of his liabilities under the Contract or constitute authorization of any change to the Contract			

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)
 شركة المهندسين المتخصصين للمقاولات العامة والتوريدات

Request Number L-158

Data Surveying

Station	Elevation	Slope	عرض الطبقة الجانبي	16	12	8	4	center	4	8	12	ارتفاع عمود الردم	عرض الطبقة الجانبي
123+480	58.543	0.00%	53.893	53.893	53.893	53.893	53.893	53.893	53.893	53.893	53.893	14.965	53.893
ACT.READ			+3	+2	-1	+2	+2	-2	+2	+3	+2	-1	53.684
DEF.			53.684	53.684	53.684	53.684	53.684	53.684	53.684	53.684	53.684		
123+500	58.334	0.00%	53.684	53.684	53.684	53.684	53.684	53.684	53.684	53.684	53.684	+3	53.475
ACT.READ			+2	-1	+2	-2	+2	+2	-1	+2	+2		
DEF.			53.475	53.475	53.475	53.475	53.475	53.475	53.475	53.475	53.475		
123+520	58.125	0.00%	53.475	53.475	53.475	53.475	53.475	53.475	53.475	53.475	53.475	+2	53.266
ACT.READ			+2	-2	+3	+2	+2	+2	+2	+2	+2	-2	
DEF.			53.266	53.266	53.266	53.266	53.266	53.266	53.266	53.266	53.266		
123+540	57.916	0.00%	53.266	53.266	53.266	53.266	53.266	53.266	53.266	53.266	53.266	+3	53.058
ACT.READ			+2	-1	+2	+2	+2	+3	+2	-2	+3		
DEF.			53.058	53.058	53.058	53.058	53.058	53.058	53.058	53.058	53.058		
123+560	57.708	0.00%	53.058	53.058	53.058	53.058	53.058	53.058	53.058	53.058	53.058	-2	52.849
ACT.READ			+2	+2	-1	+2	+2	-1	+2	+2	+2		
DEF.			52.849	52.849	52.849	52.849	52.849	52.849	52.849	52.849	52.849		
123+580	57.499	0.00%	52.849	52.849	52.849	52.849	52.849	52.849	52.849	52.849	52.849	-1	52.640
ACT.READ			+2	+2	-1	+2	+2	+3	+2	-1	+2		
DEF.			52.640	52.640	52.640	52.640	52.640	52.640	52.640	52.640	52.640		
123+600	57.270	0.00%	52.640	52.640	52.640	52.640	52.640	52.640	52.640	52.640	52.640	+3	52.431
ACT.READ			+3	+3	+2	+2	+2	-1	+2	+3	+2		
DEF.			52.431	52.431	52.431	52.431	52.431	52.431	52.431	52.431	52.431		
122+620	57.081	0.00%	52.431	52.431	52.431	52.431	52.431	52.431	52.431	52.431	52.431	+2	52.222
ACT.READ			+3	+2	+2	+3	+2	+2	-1	+2	+3		
DEF.			52.222	52.222	52.222	52.222	52.222	52.222	52.222	52.222	52.222		

الاسم /
 التوقيع /

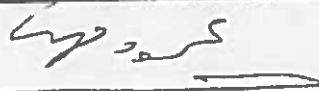
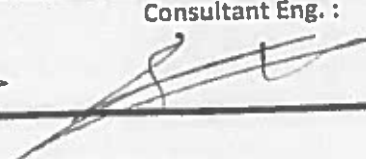
الاسم /
 التوقيع /

 Trains	Electric Express Train - HSR		المهندسة القومية للإسكان	
	October Aswan Electric Express Train		المستشار	
	Section -1 (October -Bani Mazar)		التحقيق والكشوفات والتجارب	
	From Station 121+000 To Station 124+000		(134RB.1)	

Testing Date :	10/8/2023	Company :	المهندسون المتحدون	
Material :	soil	request no	L-158	
Location :	123+480	123+620	CODE	QT-3
Layer Thickness :	50	Level layer	3.75-	

Station	123+520	123+560	123+600	DEEP	DEEP	DEEP
Hole no	1	2	3	4	5	6
Bulk density specifid sand (gm/cm3)	1.453	1.453	1.453	1.453	1.453	1.453
wt .of sand befor test	9122	8365	8584	7985	9588	10020
WT .of sand after test	4800	3988	3965	3845	5325	5563
WT . Of sand fill cone	1435	1415	1435	1435	1435	1435
WT . Of sand in hole	2887	2962	3184	2705	2828	3022
Volume of hole	1987	2039	2191	1862	1946	2080
WT . Of sample from hole (gm)	4233	4384	4650	3974	4187	4422
Bulk density of soil (gm/cm3)	2.13	2.15	2.12	2.13	2.15	2.13

Average water content %	7	7.2	6.8	6.4	6.7	6.9
Dry density (gm/cm3)	1.99	2.01	1.99	2.01	2.02	1.99
Max dry density (gm/cm3)	2.09	2.09	2.09	2.09	2.09	2.09
Compaction ratio %	95.3	96.0	95.1	96.0	96.5	95.2
Observations						

Lab Engineer :		Consultant Eng. :	
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 Employer Consultant	Electric Express Train - HSR		 From october to Aswan		Request No. L- 159
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)		 Trans Consulting		Date 18/10/2023
 Contractor: المهندس المتخصص للمقاولات	Contractor Zone From station 121+000 To station 124+000		GARB Consultant		

Request for Inspection

We request your attendance to inspect the following works

Discipline: ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey					
Inspection time :	Date : / /				
Location :	Contractor Zone	From Station	122+460	To Station	122+660
References	Specification:				

Inspection : ☐ First ☐ Second ☒ Third

Purpose of the Inspection :

1. Earthworks

- ☐ Stripping
- ☐ Natural Sub Grade
- ☐ Upper Embankment excavation
- ☐ Sub Grade
- ☐ Sub Ballast
- ☐ Ballast
- ☐ Embankment

2. Civil Work

- ☐ Open Channels
- ☐ Box Culvert
- ☐ Pipe Culvert
- ☐ Slope protection
- ☐ Gabion
- ☐ Side Ditches
- ☐ Other

3. Drainage

- ☐ Formation
- ☐ Sides of Excavation
- ☐ Backfilling Layers
- ☐ Slope protection

4. Surveying

- ☒ Setting out
- ☐ Levels
- ☐ Verticality
- ☐ NGL

5. Structure

- ☐ Formwork
- ☐ Reinforcement
- ☐ Concreteing
- ☐ Earthing

Others (specify) _____

Particular Details _____

Submitted by: _____ / مهندس محمد طالت

Signature: _____

Inspection Report : _____

Surveyor: _____

The work have found to be : ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)

Inspection Report : _____

EnTrans Consulting

Signature: _____

Structural Eng. _____

Civil Eng. _____

E/M Eng. _____

Arch. Eng. _____

Resident Engineer _____

The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)

Signature: _____ Date: / /

Engineer's Representative "SYSTRA" comments : _____

Signature: _____ Date: / /

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liability under the Contract or constitute authorization of any change to Contract Documents.

يطلب الأصل للهيئة العامة للطرق والكباري وكشفه
للجهات الاستشارية والشركة المنفذة

 Employer Consultant	Electric Express Train - HSR		 Trans		Request No L- 159
	From October to Aswan		 GARB Consultant		Date 15/8/2021
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000					
Request for Inspection					
We request your attendance to inspect the following works :					
Discipline ☐ Civil Slope Protection ☐ Structure ☐ Drainage ☒ Survey					
Inspection time		Date			
Location :		Contractor Zone		From Station	To Station
References		Specification		122+460 122+660	
Inspection ☐ First ☐ Second ☐ Third					
Purpose of the inspection :					
1. Earthworks ☐ Striping ☐ Natural Sub Grade ☐ Upper Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☐ Easement ☐ Embankment		2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other		3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concrete ☐ Casting	
4. Surveying ☐ Setting out ☐ Levels ☐ Verticality ☐ NGL					
Others (specify) _____					
Particular Details _____ Layer (-4.25) Backfill					
Submitted by _____		Signature : _____			
Inspection Report :		Surveying systems		Signature	
Surveyor		_____		_____	
The work have found to be : ☐ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)					
Inspection Report :		EnTrans Consulting		Signature	
Structural Eng.		_____		_____	
Civil Eng.		_____		_____	
E/M Eng.		_____		_____	
Arch Eng.		_____		_____	
Resident Engineer					
The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)					
Signature _____ Date / /					
Engineer's Representative "SYSTRA" comments :					
Signature : _____ Date : / /					
Attach all relevant particular test forms					
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents					

بسم الله الرحمن الرحيم
 هذه الشهادة هي لأمانة الطرق والكباري ونسخة
 للجهات الاستشارية والشركة المنفذة

 Employer Consultant	Electric Express Train - HSR	 Trans	Request No.
	From October to Aswan		L-159
 Contractor	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)	 GARB Consultant	Date
	SECTION ONE (OCTOBER - HANI MAZAR)		14/8/2023
	Contractor Zone From station 121+000 To station 124+000		

Request for Inspection

We request your attendance to inspect the following works:

Discipline:					
☐ Civil/Slope Protection		☐ Structure		☐ Drainage	
☒ Survey					
Inspection time	Date:		/ /		
Location:	Contractor Zone	From Station	122+460	To Station	122+660
References	Specification:				

Inspection	☒ First	☐ Second	☐ Third
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Purpose of the Inspection:

1. Earthworks ☐ Steepening ☐ Natural Sub Grade ☐ Under Embankment ☐ Excavation ☐ Sub Grade ☐ Sub Ballast ☐ Ballast ☐ Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☒ Setting out ☐ Levels ☐ Verticality ☐ NGL
--	--	--	---

Others (specify):

Particular Details

Layer (-4.25) BackFill

Submitted by:

م. م. م. م.

Signature:

Inspection Report:

Surveying systems

Surveyor

The work have found to be:

Approved (A)

Approved as Noted (B)

Revised Resubmit (C)

Rejected (D)

Inspection Report:

EnTrans Consulting

Signature

Structural Eng.

Civil Eng.

E/M Eng.

Arch. Eng.

Resident Engineer

The work have found to be:

☐ Approved (A)

☐ Approved as Noted (B)

☐ Revised Resubmit (C)

☐ Rejected (D)

Signature

Date: / /

Engineer's Representative "SYSTRA" comments:

Signature

Date: / /

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liability under the Contract or compensate authority of any of the Contractor's employees.

بسم الأئمة للهيئة العامة للطرق والكباري ونسحه
للجيات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Request Number L-159

Data Surveying

Request Number L-159													ارتفاع عمود الردم
Data Surveying													عرض الطبقة بـ
Station	Elevation Design	Slope	19.005	16	12	8	4	center	0	4	8	12	عرض الطبقة بـ
122+460	69.193	0.00%	64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	15.715
ACT.READ													64.043
DEF.													
122+480	68.984	0.00%	63.834	63.834	63.834	63.834	63.834	63.834	63.834	63.834	63.834	63.834	63.834
ACT.READ													63.834
DEF.													
122+500	68.775	0.00%	63.625	63.625	63.625	63.625	63.625	63.625	63.625	63.625	63.625	63.625	63.625
ACT.READ													63.625
DEF.													
122+520	68.566	0.00%	63.416	63.416	63.416	63.416	63.416	63.416	63.416	63.416	63.416	63.416	63.416
ACT.READ													63.416
DEF.													
122+540	68.357	0.00%	63.207	63.207	63.207	63.207	63.207	63.207	63.207	63.207	63.207	63.207	63.207
ACT.READ													63.207
DEF.													
122+560	68.149	0.00%	62.999	62.999	62.999	62.999	62.999	62.999	62.999	62.999	62.999	62.999	62.999
ACT.READ													62.999
DEF.													
122+580	67.940	0.00%	62.790	62.790	62.790	62.790	62.790	62.790	62.790	62.790	62.790	62.790	62.790
ACT.READ													62.790
DEF.													
122+600	67.731	0.00%	62.581	62.581	62.581	62.581	62.581	62.581	62.581	62.581	62.581	62.581	62.581
ACT.READ													62.581
DEF.													
122+620	67.522	0.00%	62.372	62.372	62.372	62.372	62.372	62.372	62.372	62.372	62.372	62.372	62.372
ACT.READ													62.372
DEF.													
122+640	67.313	0.00%	62.163	62.163	62.163	62.163	62.163	62.163	62.163	62.163	62.163	62.163	62.163
ACT.READ													62.163
DEF.													
122+660	67.104	0.00%	61.954	61.954	61.954	61.954	61.954	61.954	61.954	61.954	61.954	61.954	61.954
ACT.READ													61.954
DEF.													

المهندس المفوض من الشركة

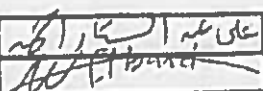
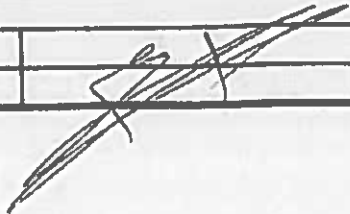
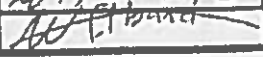
الاسم / م. عز الدين

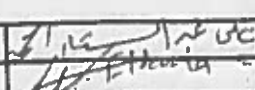
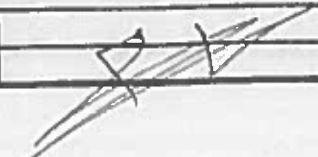
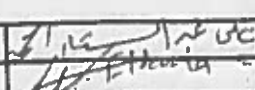
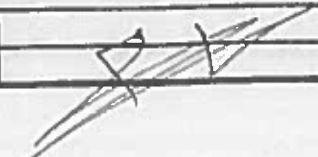
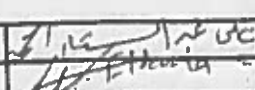
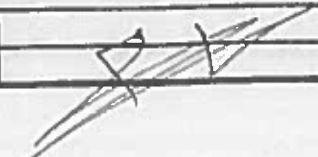
التوقيع /

استشاري المساحة

الاسم /

التوقيع /

	Electric Express Train - HSR							
	October Aswan Electric Express Train							
	Section -1 (October -Banl Mazar)							
	From Station 121+000 To Station 124+000							
Testing Date :	15/8/2023		Company :		المهندسون المتحدون			
Material :	soil							
Location :	122+460 TO 122+660							
Layer Thickness :	50		Level layer		4.25-			
Station	shallow	shallow	shallow	shallow	deeb	deeb	deeb	deeb
Hole no	1	2	3	4	5	6	7	8
Bulk density specifid	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
wt .of sand befor test	8640	8300	9120	9540	10200	8710	8907	8030
WT .of sand after test	4080	3900	4501	4930	5530	4200	4743	3930
WT . Of sand fill cone	1511	1511	1511	1511	1511	1511	1511	1511
WT . Of sand In hole	3049	2889	3108	3099	3159	2999	2653	2589
Volume of hole	2055	1947	2094	2088	2129	2021	1788	1745
WT . Of sample from	4210	4040	4390	4190	4300	4010	3720	3690
Bulk density of soil	2.05	2.08	2.10	2.01	2.02	1.98	2.08	2.12
O.W.C	7.8							
verage water content	6.2	6	6.5	6	5.9	6	6.2	6
(gm/cm3)Dry density	1.93	1.96	1.97	1.89	1.91	1.87	1.96	2.00
Max dry density	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
Compaction ratio %	92.8	94.1	94.6	91.0	91.7	90.0	94.2	95.9
Observations								
Lab Engineer :			Consultant Eng. :					
Sign :			Sign :					

	Electric Express Train - HSR			 الهيئة القومية للإتفاق لمسة أمانه قطر و الكبارى و المفل البرى (GARBLT)																																																																																														
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Lab Engineer :		Consultant Eng. :																																																																																																
Sign :		Sign :																																																																																																

 Employer Consultant	Electric Express Train - HSR From October to Aswan		 Request No. L- 160	
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000		 EnTrans CONSULTING GARB Consultant	
Date 15/8/2023				
Request for Inspection				
We request your attendance to inspect the following works :				
Discipline : ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey				
Inspection time :		Date : / /		
Location :		Contractor Zone	From Station	To Station
References		Specification:		
Inspection : ☒ First ☐ Second ☐ Third				
Purpose of the Inspection :				
1. Earthworks ☐ Stripping ☐ Natural Sub Grade ☐ Upper Embankment ☐ excavation ☐ Sub Grade ☐ Sub Ballast ☐ Ballast ☒ Embankment	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3-Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreteing ☐ Earthing	4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL	
Others (specify)				
Particular Details				
Layer (-4) BackFill				
Submitted by :		Signature :		
Inspection Report :		Surveying systems		
Surveyor		Signature		
The work have found to be : ☒ Approved (A) ☒ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)				
Inspection Report :		EnTrans Consulting		
Structural Eng.		Signature		
Civil Eng.				
E/M Eng.				
Arch. Eng.				
Resident Engineer				
The work have found to be : ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)				
Signature		Date		
Engineer's Representative "SYSTRA" comments :				
Signature :				
Date : / /				
Attach all relevant particular test forms				
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.				

سلم الأصل للهيئة العامة للطرق والكباري ونسخه
 للجهات الإستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)
 شركة الهندسون المتحدون للمقاولات العامة والتوريدات

Request Number L-160

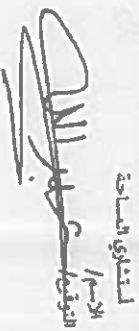
OCTOBER ASWANI 2022

شركة المهندسون المتحدون المقاولات العامة والتوريدات

Request Number L-160

Data Surveying

ارتفاع عمود الزرهم													عرض الخط 15.340
عرض الخط 16													4.00
center													12
عرض الخط 8													12
عرض الخط 4													12
عرض الخط 0													12
عرض الخط 4													12
عرض الخط 8													12
عرض الخط 12													12
عرض الخط 15.340													15.340
Station	Elevation Design	Slope	18.630	16	12	8	4	0	4	8	12	15.340	
122+340	70.45	0.00%	65.546	65.546	65.546	65.546	65.546	65.546	65.546	65.546	65.546	65.546	-1
ACT.READ			+3	+2	-1	+2	+3	+2	-2	+3	+2	65.337	
DEF.			65.337	65.337	65.337	65.337	65.337	65.337	65.337	65.337	65.337	65.337	
122+360	70.24	0.00%											
ACT.READ			+2	+3	+2	-1	+2	-2	+3	+2	-1	65.128	
DEF.			65.128	65.128	65.128	65.128	65.128	65.128	65.128	65.128	65.128	65.128	
122+380	70.03	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	64.919	
DEF.			64.919	64.919	64.919	64.919	64.919	64.919	64.919	64.919	64.919	64.919	
122+400	69.82	0.00%											
ACT.READ			-2	+3	+2	-1	+2	+3	+2	-1	+2	64.710	
DEF.			64.710	64.710	64.710	64.710	64.710	64.710	64.710	64.710	64.710	64.710	
122+420	69.61	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	64.502	
DEF.			64.502	64.502	64.502	64.502	64.502	64.502	64.502	64.502	64.502	64.502	
122+440	69.40	0.00%											
ACT.READ			+3	+2	-1	+2	+3	+2	-1	+2	-1	64.043	
DEF.			64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	64.043	
122+460	69.19	0.00%											
ACT.READ			-2	+3	+2	-1	+2	+3	+2	-1	+2	63.903	
DEF.			63.903	63.903	63.903	63.903	63.903	63.903	63.903	63.903	63.903	63.903	
122+480	68.98	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	63.704	
DEF.			63.704	63.704	63.704	63.704	63.704	63.704	63.704	63.704	63.704	63.704	
122+500	68.77	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	63.505	
DEF.			63.505	63.505	63.505	63.505	63.505	63.505	63.505	63.505	63.505	63.505	
122+520	68.56	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	63.306	
DEF.			63.306	63.306	63.306	63.306	63.306	63.306	63.306	63.306	63.306	63.306	
122+540	68.35	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	63.107	
DEF.			63.107	63.107	63.107	63.107	63.107	63.107	63.107	63.107	63.107	63.107	
122+560	68.14	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	62.908	
DEF.			62.908	62.908	62.908	62.908	62.908	62.908	62.908	62.908	62.908	62.908	
122+580	67.93	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	62.709	
DEF.			62.709	62.709	62.709	62.709	62.709	62.709	62.709	62.709	62.709	62.709	
122+600	67.72	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	62.510	
DEF.			62.510	62.510	62.510	62.510	62.510	62.510	62.510	62.510	62.510	62.510	
122+620	67.51	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	62.311	
DEF.			62.311	62.311	62.311	62.311	62.311	62.311	62.311	62.311	62.311	62.311	
122+640	67.30	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	62.112	
DEF.			62.112	62.112	62.112	62.112	62.112	62.112	62.112	62.112	62.112	62.112	
122+660	67.09	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	61.913	
DEF.			61.913	61.913	61.913	61.913	61.913	61.913	61.913	61.913	61.913	61.913	
122+680	66.88	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	61.714	
DEF.			61.714	61.714	61.714	61.714	61.714	61.714	61.714	61.714	61.714	61.714	
122+700	66.67	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	61.515	
DEF.			61.515	61.515	61.515	61.515	61.515	61.515	61.515	61.515	61.515	61.515	
122+720	66.46	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	61.316	
DEF.			61.316	61.316	61.316	61.316	61.316	61.316	61.316	61.316	61.316	61.316	
122+740	66.25	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	61.117	
DEF.			61.117	61.117	61.117	61.117	61.117	61.117	61.117	61.117	61.117	61.117	
122+760	66.04	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	60.918	
DEF.			60.918	60.918	60.918	60.918	60.918	60.918	60.918	60.918	60.918	60.918	
122+780	65.83	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	60.719	
DEF.			60.719	60.719	60.719	60.719	60.719	60.719	60.719	60.719	60.719	60.719	
122+800	65.62	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	60.520	
DEF.			60.520	60.520	60.520	60.520	60.520	60.520	60.520	60.520	60.520	60.520	
122+820	65.41	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	60.321	
DEF.			60.321	60.321	60.321	60.321	60.321	60.321	60.321	60.321	60.321	60.321	
122+840	65.20	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	60.122	
DEF.			60.122	60.122	60.122	60.122	60.122	60.122	60.122	60.122	60.122	60.122	
122+860	65.00	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	59.923	
DEF.			59.923	59.923	59.923	59.923	59.923	59.923	59.923	59.923	59.923	59.923	
122+880	64.79	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	59.724	
DEF.			59.724	59.724	59.724	59.724	59.724	59.724	59.724	59.724	59.724	59.724	
122+900	64.58	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	59.525	
DEF.			59.525	59.525	59.525	59.525	59.525	59.525	59.525	59.525	59.525	59.525	
122+920	64.37	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	59.326	
DEF.			59.326	59.326	59.326	59.326	59.326	59.326	59.326	59.326	59.326	59.326	
122+940	64.16	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	59.127	
DEF.			59.127	59.127	59.127	59.127	59.127	59.127	59.127	59.127	59.127	59.127	
122+960	63.95	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	58.928	
DEF.			58.928	58.928	58.928	58.928	58.928	58.928	58.928	58.928	58.928	58.928	
122+980	63.74	0.00%											
ACT.READ			+3	+2	-1	+2	-1	+2	+3	+2	-1	58.729	
DEF.			58.729	58.729	58.729	58.729	58.729	58.729	58.729	58.729	58.729	58.729	
123+000	63.53	0.00%											
ACT.READ			+2	-1	+2	+3	+2	-1	+2	+3	+2	58.530	
DEF.			58.530	58.530	58.530	58.530	58.530	58.530	58.530	58.530	58.530	58.530	
123+020	63.32	0.00%											
ACT.READ			-2	+3	+2	-1	+2	-2	+3	+2	-1	58.331	
DEF.			58.331	58.331	58.331	58.331	58.331	58.331	58.331	58.331	58.331	58.331	
12													

المهندس المحقق من الخريطة
 التوقيع: 

المهندس المحقق من الخريطة
 التوقيع: 

	Electric Express Train - HSR																																																																											
	October Aswan Electric Express Train																																																																											
	Section -1 (October -Bani Mazar)																																																																											
	From Station 121+000 To Station 124+000																																																																											
Testing Date :	15/8/2023		Company :		المهندسون المتحدون																																																																							
Material :	soil																																																																											
Location :	122+340 TO 122+460																																																																											
Layer Thickness :	50		Level layer		4.00-																																																																							
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 15%;">Station</td> <td style="width: 12.5%;">shallow</td> <td style="width: 12.5%;">shallow</td> <td style="width: 12.5%;">shallow</td> <td style="width: 12.5%;">deeb</td> <td style="width: 12.5%;">deeb</td> <td style="width: 12.5%;">deeb</td> </tr> <tr> <td>Hole no</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>Bulk density specifid</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> </tr> <tr> <td>wt .of sand befor test</td> <td>10050</td> <td>9537</td> <td>8745</td> <td>9170</td> <td>9550</td> <td>8450</td> </tr> <tr> <td>WT .of sand after test</td> <td>5260</td> <td>4921</td> <td>3945</td> <td>4580</td> <td>5060</td> <td>4230</td> </tr> <tr> <td>WT . Of sand fill cone</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> </tr> <tr> <td>WT . Of sand in hole</td> <td>3279</td> <td>3105</td> <td>3289</td> <td>3079</td> <td>2979</td> <td>2709</td> </tr> <tr> <td>Volume of hole</td> <td>2210</td> <td>2092</td> <td>2216</td> <td>2075</td> <td>2007</td> <td>1825</td> </tr> <tr> <td>WT . Of sample from</td> <td>4680</td> <td>4390</td> <td>4670</td> <td>4380</td> <td>4295</td> <td>3880</td> </tr> <tr> <td>Bulk density of soil</td> <td>2.12</td> <td>2.10</td> <td>2.11</td> <td>2.11</td> <td>2.14</td> <td>2.13</td> </tr> </table>							Station	shallow	shallow	shallow	deeb	deeb	deeb	Hole no	1	2	3	4	5	6	Bulk density specifid	1.48	1.48	1.48	1.48	1.48	1.48	wt .of sand befor test	10050	9537	8745	9170	9550	8450	WT .of sand after test	5260	4921	3945	4580	5060	4230	WT . Of sand fill cone	1511	1511	1511	1511	1511	1511	WT . Of sand in hole	3279	3105	3289	3079	2979	2709	Volume of hole	2210	2092	2216	2075	2007	1825	WT . Of sample from	4680	4390	4670	4380	4295	3880	Bulk density of soil	2.12	2.10	2.11	2.11	2.14	2.13
Station	shallow	shallow	shallow	deeb	deeb	deeb																																																																						
Hole no	1	2	3	4	5	6																																																																						
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<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 15%;">O.W.C</td> <td colspan="6">7.8</td> </tr> <tr> <td>verage water content</td> <td>6</td> <td>5.9</td> <td>6.5</td> <td>6</td> <td>6.3</td> <td>6</td> </tr> <tr> <td>(gm/cm3)Dry density</td> <td>2.00</td> <td>1.98</td> <td>1.98</td> <td>1.99</td> <td>2.01</td> <td>2.01</td> </tr> <tr> <td>Max dry density</td> <td>2.08</td> <td>2.08</td> <td>2.08</td> <td>2.08</td> <td>2.08</td> <td>2.08</td> </tr> <tr> <td>Compaction ratio %</td> <td>96.1</td> <td>95.3</td> <td>95.1</td> <td>95.7</td> <td>96.8</td> <td>96.4</td> </tr> <tr> <td>Observations</td> <td colspan="6"></td> </tr> </table>							O.W.C	7.8						verage water content	6	5.9	6.5	6	6.3	6	(gm/cm3)Dry density	2.00	1.98	1.98	1.99	2.01	2.01	Max dry density	2.08	2.08	2.08	2.08	2.08	2.08	Compaction ratio %	96.1	95.3	95.1	95.7	96.8	96.4	Observations																																		
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Lab Engineer :				Consultant Eng. :																																																																								
Sign :				Sign :																																																																								

 Employer Consultant	Electric Express Train - HSR From October to Aswan	 Request No. L- 161	
 Contractor	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR) Contractor Zone From station 121+000 To station 124+000	 Trans GARB Consultant	Date 21/8/2023

Request for Inspection

We request your assistance to inspect the following works:

Discipline	☐ On-Slope Protection	☐ Structure	☐ Drainage	☒ Survey
Inspection Time	Date			
Location	Contractor Zone	From Station	122+160	To Station
Reference	Specification			

Inspection: ☒ First ☐ Second ☐ Third

Purpose of the Inspection:

1. General

- ☐ General
- ☐ General
- ☐ General
- ☐ General
- ☐ General
- ☐ General
- ☐ General
- ☐ General

2. CIVIL WORK

- ☐ Open Channels
- ☐ Pier Culvert
- ☐ Pipe Culvert
- ☐ Slope protection
- ☐ Gabion
- ☐ Side Ditches
- ☐ Other

3. Drainage

- ☐ Formation
- ☐ Sides of Excavation
- ☐ Backfilling Layers
- ☐ Slope protection

4. Surveying

- ☒ Setting out
- ☐ Levels
- ☐ Verticality
- ☐ HGL

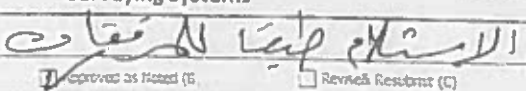
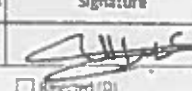
5. Structure

- ☐ Formwork
- ☐ Reinforcement
- ☐ Concreting
- ☐ Casting

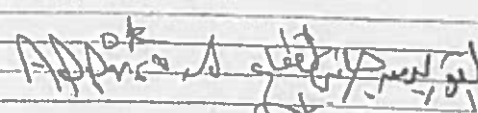
Others (if any):

Particulars: Layer (-4) Backfill

Submitted by: محمد علي / محمد علي Signature: 

Inspection Report:	Surveying systems	Signature
Survey:		

The work is found to be: ☒ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Inspection Report:	EnTrans Consulting	Signature
Structure: /		
Civil Eng.:		
M. Eng.:		
Arch. Eng.:		
Resident Engineer		

The work is found to be: ☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)

Signature: _____ Date: / /

Engineer's Representative "SYSTRA" comments:

Signature: _____ Date: / /

Attach all relevant documents to the test forms

تم الاصل شاهدة العامة للطريق والكباري ونسخه
للمحطات الاستشارية والشركة المتكاملة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)

شركة الهندسة المعمارية والبناء والتشييد

Data Surveying

Request Number: L-161

Station	Chewellion Design	Slope	مركز المقطع	10	12	8	4	0	4	8	12	المساحة متر مربع
122+160	72.13	0.00%	67.425	67.425	67.425	67.425	67.425	67.425	67.425	67.425	67.425	15.340
ACT.READ												
DEF.			+3	+2	-1	+2	+3	+2	-1	+2	+3	+2
122+180	72.12	0.00%	67.216	67.216	67.216	67.216	67.216	67.216	67.216	67.216	67.216	
ACT.READ												
DEF.			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3
122+200	71.91	0.00%	67.007	67.007	67.007	67.007	67.007	67.007	67.007	67.007	67.007	
ACT.READ												
DEF.			-2	+3	+2	-1	+2	+3	+2	-1	+2	+3
122+220	71.70	0.00%	66.799	66.799	66.799	66.799	66.799	66.799	66.799	66.799	66.799	
ACT.READ												
DEF.			-2	+3	+2	-2	+3	+2	-1	+2	+3	+2
122+240	71.49	0.00%	66.590	66.590	66.590	66.590	66.590	66.590	66.590	66.590	66.590	
ACT.READ												
DEF.			-2	+3	+2	-1	+2	+3	+2	-2	+3	+3
122+260	71.28	0.00%	66.381	66.381	66.381	66.381	66.381	66.381	66.381	66.381	66.381	
ACT.READ												
DEF.			+3	+2	-1	+2	-1	+2	+3	+2	-1	+2
122+280	71.07	0.00%	66.172	66.172	66.172	66.172	66.172	66.172	66.172	66.172	66.172	
ACT.READ												
DEF.			+3	+2	-2	+3	+5	-2	+3	+2	-1	+2
122+300	70.86	0.00%	65.963	65.963	65.963	65.963	65.963	65.963	65.963	65.963	65.963	
ACT.READ												
DEF.			+3	-2	-1	+3	+2	+3	+2	-1	+2	+3
122+320	70.65	0.00%	65.754	65.754	65.754	65.754	65.754	65.754	65.754	65.754	65.754	
ACT.READ												
DEF.			-2	+3	+2	-1	+3	+2	-2	+2	+3	-2
122+340	70.45	0.00%	65.546	65.546	65.546	65.546	65.546	65.546	65.546	65.546	65.546	
ACT.READ												
DEF.												

الاسم: /

التوقيع: /

التاريخ: / /

المهندس المسؤول عن المشروع: /

الاسم: /

التوقيع: /

التاريخ: / /

	Electric Express Train - HSR																																																																																																	
	October Aswan Electric Express Train																																																																																																	
	Section -1 (October -Bani Mazar)																																																																																																	
	From Station 121+000 To Station 124+000																																																																																																	
Testing Date :	21/8/2023		Company :		المهندسون المتحدون																																																																																													
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Layer Thickness :	50		Level layer		4.00-																																																																																													
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Observations																																																																																																		
Lab Engineer :					Consultant Eng. :																																																																																													
Sign :					Sign :																																																																																													

 Employer Consultant	Electric Express Train - HSR	 EnTrans CONSULTING INC	Request No.
	From october to Aswan		L- 162
 المهندسون المتحدون للمقاولات	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANI MAZAR)	 GARB Consultant	Date 29/8/2023
	Contractor Zone From station:121+000 To station 124+000		

Request for Inspection

We request your attendance to inspect the following works :

Discipline :	☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey	
Inspection time :	Date : / /	
Location :	Contractor Zone	From Station 123+000 To Station 123+180
References	Specification:	

Inspection : ☐ First ☒ Second ☐ Third

Purpose of the inspection :

1. Earthworks

☐ Stripping

☐ Natural Sub Grade

☐ Upper Embankment

☐ excavation

☐ Sub Grade

☐ Sub Ballast

☐ Ballast

☐ Embankment

2. Civil Work

☐ Open Channels

☐ Box Culvert

☐ Pipe Culvert

☐ Slope protection

☐ Gabion

☐ Side Ditches

☐ Other

3-Drainage

☐ Formation

☐ Sides of Excavation

☐ Backfilling Layers

☐ Slope protection

4. Surveying

☒ Setting out

☒ Levels

☐ Verticality

☐ NGL

5. Structure

☐ Formwork

☐ Reinforcement

☐ Concreting

☐ Earthing

Others (specify) _____

Particular Details _____

Submitted by : / محمد طلعت _____ Signature : _____

Inspection Report :

Surveyor _____

The work have fount to be : ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)

Inspection Report :

EnTrans Consulting	Signature
Structural Eng.	
Civil Eng.	
E/M Eng.	
Arch. Eng.	
Resident Engineer	Signature

29/8/2023

The work have fount to be : ☒ Approved (A) ☐ Approved as Noted (B) ☐ Revised & Resubmit (C) ☐ Rejected (D)

Signature _____ Date 30/8/2023

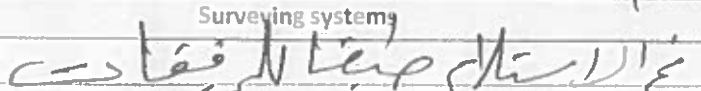
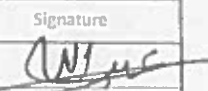
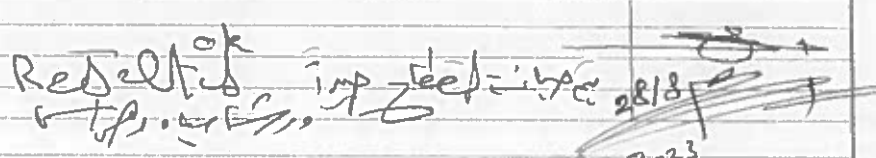
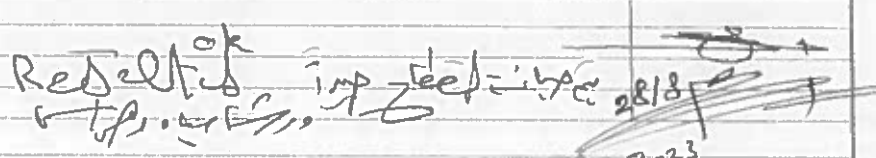
Engineer's Representative " SYSTRA " comments :

Signature : _____ Date : / /

Attach all relevant particular test forms

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

يُسلم الأصل للهيئة العامة للطرق والكباري ونسخه للجهات الاستشارية والشركة المنفذة

 Employer Consultant	Electric Express Train - HSR		 Request No.					
	From October to Aswan		L- 162					
 Contractor	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)		 Date					
	SECTION ONE (OCTOBER - BANI MAZAR)		27/08/2023					
Contractor Zone		From station 121+000 To station 124+000		GARB Consultant				
Request for Inspection								
We request your attendance to inspect the following works :								
Discipline ☐ Civil/Slope Protection ☐ Structure ☐ Drainage ☒ Survey								
Inspection time	Date		/ /					
Location	Contractor Zone	From Station	123+000	To Station 123+180				
References	Specification:							
Inspection	☒ First ☐ Second ☐ Third							
Purpose of the inspection :								
<table border="1"> <tr> <td> 1. Earthworks ☐ Grading ☐ Subgrade ☐ Embankment ☐ Excavation ☐ Road Grade ☐ Utility Cuts ☐ Bridges ☐ Interchanges </td> <td> 2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other </td> <td> 3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing </td> <td> 4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL </td> </tr> </table>					1. Earthworks ☐ Grading ☐ Subgrade ☐ Embankment ☐ Excavation ☐ Road Grade ☐ Utility Cuts ☐ Bridges ☐ Interchanges	2. Civil Work ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	3. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection 5. Structure ☐ Formwork ☐ Reinforcement ☐ Concreting ☐ Earthing	4. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ NGL
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Others (if any) : Particulars : Layer (-4.25) BackFill								
Submitted by / محمد طالت		Signature : 						
Inspection Report :		Surveying system		Signature				
Surveyor								
The work have found to be :		☒ Approved (A) ☒ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)						
Inspection Report :		EnTrans Consulting		Signature				
Structural Eng.								
Civil Eng.								
E/M Eng.								
Arch. Eng.								
Resident Engineer								
The work have found to be :		☐ Approved (A) ☐ Approved as Noted (B) ☐ Revised Resubmit (C) ☐ Rejected (D)						
Signature :		Date : / /						
Engineer's Representative " SYSTRA " comments :								
Signature : _____ Date : / /								
Attach all relevant particular test forms Approve shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.								

يسلم الأصل للهيئة العامة للطرق والكباري ونسخه
للجهات الاستشارية والشركة المنفذة

OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)SECTION ONE (OCTOBER - BANI MAZAR)

شركة المهندسون المتحدون للمقاولات العامة والتوريدات

Data Surveys

Request Number L-162

Station	Elevation Design	Slope	عرض الخطية بشار	16	12	8	4	center	4	8	12	ارتفاع عمود الردم
123+000	63.56	0.00%	58.405	58.405	58.405	58.405	58.405	58.405	58.405	58.405	58.405	15.715
ACT READ												
DEF.												
123+020	63.35	0.00%	58.196	58.196	58.196	58.196	58.196	58.196	58.196	58.196	58.196	58.196
ACT READ												
DEF.												
123+040	63.14	0.00%	57.987	57.987	57.987	57.987	57.987	57.987	57.987	57.987	57.987	57.987
ACT READ												
DEF.												
123+060	62.93	0.00%	57.778	57.778	57.778	57.778	57.778	57.778	57.778	57.778	57.778	57.778
ACT READ												
DEF.												
123+080	62.72	0.00%	57.569	57.569	57.569	57.569	57.569	57.569	57.569	57.569	57.569	57.569
ACT READ												
DEF.												
123+100	62.51	0.00%	57.360	57.360	57.360	57.360	57.360	57.360	57.360	57.360	57.360	57.360
ACT READ												
DEF.												
123+120	62.30	0.00%	57.152	57.152	57.152	57.152	57.152	57.152	57.152	57.152	57.152	57.152
ACT READ												
DEF.												
123+140	62.09	0.00%	56.943	56.943	56.943	56.943	56.943	56.943	56.943	56.943	56.943	56.943
ACT READ												
DEF.												
123+160	61.88	0.00%	56.734	56.734	56.734	56.734	56.734	56.734	56.734	56.734	56.734	56.734
ACT READ												
DEF.												
123+180	61.68	0.00%	56.525	56.525	56.525	56.525	56.525	56.525	56.525	56.525	56.525	56.525
ACT READ												
DEF.												

المهندس المشرف على الموقع

الاسم /

التوقيع /

استشاري المساحة

الاسم /

التوقيع /

 Employer/Consultant	Electric Express Train - HSR	 Request No. L-154						
	From October to Aswan							
 Contractor Zone	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION ONE (OCTOBER - BANHA MAZAR)	 Date 25/7/2023						
	From Station 123+000 To Station 124+000							
Request for Inspection		GARB Consultant						
I hereby request to inspect the following works: <table border="1"> <tr> <td>☒ Road/Slope Protection</td> <td>☐ Structure</td> <td>☐ Drainage</td> <td>☒ Survey</td> </tr> </table>			☒ Road/Slope Protection	☐ Structure	☐ Drainage	☒ Survey		
☒ Road/Slope Protection	☐ Structure	☐ Drainage	☒ Survey					
Inspected by:	Date: / /							
Location:	Contractor Zone	From Station 123+000 To Station 123+160						
Remarks:	Specification:							
Inspection:	☒ First ☐ Second ☐ Third							
Purpose of inspection:	<table border="1"> <tr> <td> 1. Civil Works ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other </td> <td> 2. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection </td> <td> 3. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ HGL </td> </tr> <tr> <td> 4. Structure ☐ Formwork ☐ Reinforcement ☐ Concrete/crete ☐ Casting </td> <td colspan="2"></td> </tr> </table>		1. Civil Works ☐ Open Channels ☐ Box Culvert ☐ Pipe Culvert ☐ Slope protection ☐ Gabion ☐ Side Ditches ☐ Other	2. Drainage ☐ Formation ☐ Sides of Excavation ☐ Backfilling Layers ☐ Slope protection	3. Surveying ☒ Setting out ☒ Levels ☐ Verticality ☐ HGL	4. Structure ☐ Formwork ☐ Reinforcement ☐ Concrete/crete ☐ Casting		
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4. Structure ☐ Formwork ☐ Reinforcement ☐ Concrete/crete ☐ Casting								
Layer (-4.75) Backfill								
Inspector's Signature:	Signature:							
Inspector's Stamp:	Surveying systems <table border="1"> <tr> <td>☒ Approved (A)</td> <td>☒ Approved as Noted (B)</td> <td>☐ Revised/Resubmit (C)</td> <td>☐ Rejected (D)</td> </tr> </table>		☒ Approved (A)	☒ Approved as Noted (B)	☐ Revised/Resubmit (C)	☐ Rejected (D)		
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Inspector's Signature:	Signature:							
Inspector's Stamp:	EnTrans Consulting <table border="1"> <tr> <td>☒ Approved (A)</td> <td>☒ Approved as Noted (B)</td> <td>☐ Revised/Resubmit (C)</td> <td>☐ Rejected (D)</td> </tr> </table>		☒ Approved (A)	☒ Approved as Noted (B)	☐ Revised/Resubmit (C)	☐ Rejected (D)		
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Inspector's Signature:	Signature:							
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Project Name: _____ Location: _____ Client: _____ Contract No: _____ Project Manager: _____ Surveyor: _____ Inspector: _____ Project Engineer: _____	
Layer (- 7.50) Backfill Signature: _____	
Inspection Report: Surveying systems OK	Signature: _____
Inspection Report: EnTrans Consulting work is ok.	Signature: _____ 14/12/2022
Inspector's Representative: _____ SYSTRA comments: _____	

Employer Consultant	Electricity	1-161
	OCTOBER ASWAN ELECTRIC ENGINEERING CO. LTD. SPEED RAIL SECTION ONE (OCTOBER - BENT EL KARSI) Contractor Zone From Station 121+00 To Station 124+00	11/11/2022

Request for Inspection

Your attendance to inspect the following works:		
Location	☐ Overhead structure	☐ Power
Work time	Date	/ /
Work	Inspection Zone	From Station : 123+140 To Station : 123+260
Grade	Specification	
Location	☐ First	☐ Second ☐ Third

Type of the inspection:			
1. Substructure	2. Civil Work	3. Structure	4. Signaling
☐ Foundation ☐ Pier / Abutment ☐ Retaining wall ☐ Bridge pier ☐ Bridge abutment ☐ Culvert ☐ Tunnel	☐ Clearing ☐ Earthwork ☐ Slope protection ☐ Drainage ☐ Road works ☐ Other	☐ Foundation ☐ Pier / Abutment ☐ Retaining wall ☐ Bridge pier ☐ Bridge abutment ☐ Culvert ☐ Tunnel	☒ Signaling ☒ Power ☐ Ventilation ☐ NO

Location	Layer (- 6.75) BackFill
Signature	Signature: محمد رشيد

Section Report	Surveying systems
☐ Approved (A) ☐ Rejected (R) ☐ Pending (P)	☐ Approved (A) ☐ Rejected (R) ☐ Pending (P)

Section Report	EnTrans Consulting
☐ Approved (A) ☐ Rejected (R) ☐ Pending (P)	☐ Approved (A) ☐ Rejected (R) ☐ Pending (P)

Resident Engineer: work is ok but make maintenance.

Signature	Date: 9/11/2022
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Owner's Representative "SYSTRA" comments:

Signature	Date
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ميول وعروض طبقات الردم _ (34 م ردم)

في حالة طريق الخدمة في الجهة اليسرى وبدون قناة جانبية

Typical Fill 1

رقم الطبقة	انخفاض الطبقة عن منسوب التسوية _ TOE	ميول الطبقة في الجانبين	العرض في الجانب الايمن	العرض في الجانب اليسر
1	0	4%	9.936	-13.436
2	0.25	4%	10.335	-13.835
3	0.5	4%	10.734	-14.234
4	0.75	4%	11.133	-14.633
5	1	4%	11.532	-15.032
6	1.25	3%	11.743	-15.188
7	1.5	2%	11.948	-15.340
8	1.75	1%	12.147	-15.487
9	2	0%	12.340	-15.630
10	2.25	0%	12.715	-16.005
11	2.5	0%	13.090	-16.380
12	2.75	0%	13.465	-16.755
13	3	0%	13.840	-17.130
14	3.25	0%	14.215	-17.505
15	3.5	0%	14.590	-17.880
16	3.75	0%	14.965	-18.255
17	4	0%	15.340	-18.630
18	4.25	0%	15.715	-19.005
19	4.5	0%	16.090	-19.380
20	4.75	0%	16.465	-19.755
21	5	0%	16.840	-20.130
22	5.25	0%	17.215	-20.505
23	5.5	0%	19.590	-20.880
24	5.75	0%	19.965	-23.255
25	6	0%	20.340	-23.630
26	6.25	0%	20.715	-24.005
27	6.5	0%	21.090	-24.380
28	6.75	0%	21.465	-24.755

مدير المشروع

م شعبان سعيد

الترتيب سهل عرض نهائى

مدير المكتب الفني

م عمر مصطفى مهدي

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Material :	soil																																																																																																	
Location :	123+000 TO 123+180																																																																																																	
Layer Thickness :	50		Level layer		4.25-																																																																																													
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<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 15%;">Station</td> <td>shallow</td> <td>shallow</td> <td>shallow</td> <td>shallow</td> <td>deeb</td> <td>deeb</td> <td>deeb</td> <td>deeb</td> </tr> <tr> <td>Hole no</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>Bulk density specifid</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> <td>1.48</td> </tr> <tr> <td>wt .of sand befor test</td> <td>8751</td> <td>9306</td> <td>8150</td> <td>8326</td> <td>9235</td> <td>10050</td> <td>8935</td> <td>9570</td> </tr> <tr> <td>WT .of sand after test</td> <td>4190</td> <td>4521</td> <td>4295</td> <td>4285</td> <td>4235</td> <td>4770</td> <td>4135</td> <td>4621</td> </tr> <tr> <td>WT . Of sand fill cone</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> <td>1511</td> </tr> <tr> <td>WT . Of sand in hole</td> <td>3050</td> <td>3274</td> <td>2344</td> <td>2530</td> <td>3489</td> <td>3769</td> <td>3289</td> <td>3438</td> </tr> <tr> <td>Volume of hole</td> <td>2055</td> <td>2206</td> <td>1580</td> <td>1705</td> <td>2351</td> <td>2540</td> <td>2216</td> <td>2317</td> </tr> <tr> <td>WT . Of sample from</td> <td>4280</td> <td>4610</td> <td>3320</td> <td>3540</td> <td>4890</td> <td>5280</td> <td>4690</td> <td>4960</td> </tr> <tr> <td>Bulk density of soil</td> <td>2.08</td> <td>2.09</td> <td>2.10</td> <td>2.08</td> <td>2.08</td> <td>2.08</td> <td>2.12</td> <td>2.14</td> </tr> </table>									Station	shallow	shallow	shallow	shallow	deeb	deeb	deeb	deeb	Hole no	1	2	3	4	5	6	7	8	Bulk density specifid	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	wt .of sand befor test	8751	9306	8150	8326	9235	10050	8935	9570	WT .of sand after test	4190	4521	4295	4285	4235	4770	4135	4621	WT . Of sand fill cone	1511	1511	1511	1511	1511	1511	1511	1511	WT . Of sand in hole	3050	3274	2344	2530	3489	3769	3289	3438	Volume of hole	2055	2206	1580	1705	2351	2540	2216	2317	WT . Of sample from	4280	4610	3320	3540	4890	5280	4690	4960	Bulk density of soil	2.08	2.09	2.10	2.08	2.08	2.08	2.12	2.14
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