

Negrill Welcome Sign


GENERAL SUMMARY		
A	PRELIMINARIES	PR/9 2,190,000.00
B	MAIN WORKS	NW/S/5 10,309,400.00
C	Contingencies Include the Provisional Sum of \$500,000.00 for Contingency Sum to be used as directed by the Project Manager	\$ 500,000.00
	Carried to Standard Form: Contractor's Bid	\$ 12,999,400.00

NOTE: Any sums added or deducted from this total "X" will be treated as a percentage on or off the whole of the prices in the Bills of Quantities (excluding P.C. and Provisional Sums) and the rates in the variation will be arrived at after being subjected to such percentage.

C. JOBS QUALITY & PAVING

Handwritten signatures and dates:
 2/11/2011
 2/11/2011
 2/11/2011

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ITEM	DESCRIPTION	AMOUNT
	 <p>PRELIMINARIES: Construction of North Entrance Sign & Bus Lay-By SAMPLES</p>	
A	<p>Allow for obtaining and submitting samples of materials as required by the Architect before use or application in the works. Any samples rejected are to be equal in all respects to the approved.</p>	
B	<p>CONTRACTOR'S SITE SUPERVISION</p> <p>Allow for providing all supervision including the services of Agents, Engineers, Surveyors, Foreman and the like not previously</p>	400,000.00
C	<p>OFFICES</p> <p>Allow for providing all necessary site offices including erecting, maintaining, moving and re-erecting if necessary, clearing away at completion, making good and paying all rates and taxes in connection therewith.</p>	
D	<p>TELEPHONE</p> <p>Allow for providing a telephone in the foreman's office and for paying all charges in connection therewith including the cost of all calls.</p>	
E	<p>FACILITIES FOR EMPLOYER'S SUPERVISION, SITE MEETINGS</p> <p>The Architect will conduct site meetings at such intervals as he considers necessary and the Contractor shall allow for representation and attendance by a representative, who shall be authorized to act on behalf of the Contractor</p>	
F	<p>The Architect or his representative shall take minutes of each meeting and circulate to all parties before the next meeting.</p>	
G	<p>The Contractor shall be responsible for ensuring to the best of his ability the attendance of any or all Nominated Sub-contractors as the Architect requires of the proper execution of the works.</p>	
	<p>ORDERING MATERIAL</p>	
H	<p>Materials shall be ordered in accordance with the Drawings and Specifications including Architect's instruction and not from the Bills of Quantities</p>	
	<p>Carried to Collection on Page PR/9</p>	400,000.00

ASPHALTING & PAVING
 400,000.00

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ITEM	DESCRIPTION	AMOUNT
	<u>PRELIMINARIES</u>	
A	<u>PROGRESS SCHEDULE</u> The Contractor shall provide the Architect prior to commencement of the Works with two copies of a comprehensive programme for the whole of the works. The programme shall embrace every phase of the Contract including the work of Specialist and shall be revised and updated as necessary during the execution of the Contract.	50,000.00
B	One copy of the most up to date programme shall be displayed in the Contractor's site office at all times and the Contractor shall record weekly a parallel record of actual progress thereon.	
	<u>PROVISIONAL AND PRIME COST SUMS</u>	
C	All provisional quantities and provisional sums shall be omitted in the final account and substituted by actual measurements of such works relating to the Provisional quantities and Provisional sums priced at the rate in the Bills of Quantities, all as specifically instructed by the Architect.	
D	All provisional quantities and provisional sums shall be deducted in whole or in part if not required without compensation to the Contractor.	
	<u>PRIME COST ITEMS</u>	
E	For nominated Sub-Contractor's see Clause No. 27 of the Conditions of Contract	
F	For nominated Suppliers see Clause No. 28 of the Conditions of Contract	
	<u>IMPORTED MATERIALS</u>	
G	The Contractor shall be responsible for the payment of all costs and charges in respect of importing materials not available in Jamaica, including letters of credit, customs duties and import taxes, handling, storage, clearance and the like including obtaining of all necessary permits.	
H	The Contractor shall inform the Architect in writing immediately he is aware of the unavailability in Jamaica of any materials specified to be incorporated in the Works.	
	Carried to Collection on Page PR9	50,000.00

G. J'S ASPHALT TILING & PAINTING
 Tel. 808-525022

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ITEM	DESCRIPTION	AMOUNT
	PRELIMINARIES	
	LEVELS AND SETTING OUT	
A	The contractor shall provide all levels, other instruments, measuring devices, markers, pins, templates, profiles, sight boards, etc. necessary for the accurate setting out of the works and shall maintain them in good condition.	180,000.00
	PLANT ETC. PLANT, TRANSPORT, SCAFFOLDING, TOOLS, WORKSHOP	
B	Allow for providing all plant, transport, scaffolding, tools, workshop, etc., for proper execution of the Works, plant and scaffolding shall not be removed until all subcontractors have completed their work.	100,000.00
	SHEDS	
C	Allow for providing suitable sheds for the dry storage of materials including erecting, maintaining, moving and re-erecting if necessary, clearing away when no longer required, making good and paying all rates and taxes in connection therewith.	
	MESSROOMS	
D	Allow for providing messrooms and other accommodation for the workmen including erecting, maintaining, moving and re-erecting if necessary, clearing away at completion, making good and paying all rates and taxes in connection therewith.	
	LATRINES	
E	Allow for providing properly suitable latrine accommodation for the use of the workmen including erecting, maintaining, moving and re-erecting if necessary, clearing away at completion, making good and paying all rates and taxes in connection therewith. The latrines are to be kept clean regularly disinfected.	

Carried to Collection on Page PR/9

280,000
G. J. S. ENGINEERING & PAINTERS
1st. 82B B. 29

ITEM	DESCRIPTION	AMOUNT
	<p>PRELIMINARIES</p> <p>INTERRUPTING DRAINS AND SERVICES EXISTING SERVICES</p>	
A	<p>The contractor shall impress on all work people the very serious risk incurred when working near overhead power lines and underground cables, and the need for close supervision to ensure that adequate precautions are taken to avoid contact with live conductors.</p>	
B	<p>The Contractor shall not interfere with existing services such as but not limited to, gas, water, electricity, telephones, sewers, drains, field drains and road side ditches, etc, without the written authority of the Architect and in the case of Statutory Authorities and Private Owners, without the written authority of the Authorities or Owners.</p>	
	<p>PROTECTION OF THE WORKS</p>	
C	<p>Allow for covering up and protection of the works from damage resulting from weather or other causes and for making good any damage caused by insurance hereinafter described.</p>	
D	<p>Allow for protecting from trespass, loss or damage arising from the operation of this contract, all existing property, including building, fences, walls, trees, grass, vegetation, roads, paths, drains, sewers, water, electric and gas pipes, mains and the like, whether public or private and both inside and outside the Site and for making good any damage occasioned through the operation of this Contract and pay all fees and charges in connection. The Contractor shall not interfere with any of the foregoing without the written consent of the Public Authority of Private owner concerned.</p>	
E	<p>The Contractor shall provide all necessary hoarding, watching, lighting and attendance for the protection of the public and vehicles on the roads and footpaths adjoining the site of the works and shall pay all fees, notices and charges in connection therewith.</p>	
	<p>REMOVING RUBBISH</p>	
F	<p>Allow for keeping the works in a clean and tidy condition during the progress of the contract, clearing away all rubbish and debris as it accumulates and finally on completion, as well as cleaning glass both sides, scrubbing or otherwise cleaning all floors, paving and steps, sanitary fittings and fixtures, cutting all grass and weeds and leaving the site and premises satisfaction of the Architect.</p>	150,000.00
	<p>Carried to Collection on Page PR/9</p>	150,000.00

REBALANCE PAYING

ITEM	DESCRIPTION	AMOUNT
	PRELIMINARIES	
	COLLECTION	
	Carried from Page PR/1.....	400,000.00
	Carried from Page PR/2.....	
	Carried from Page PR/3.....	50,000.00
	Carried from Page PR/4.....	
	Carried from Page PR/5.....	280,000.00
	Carried from Page PR/6.....	260,000.00
	Carried from Page PR/7.....	150,000.00
	Carried from Page PR/8.....	1,050,000.00
	PRELIMINARIES	2,190,000.00

Carried to GENERAL SUMMARY on Page GS/1

ASPHALT PAVING
2082

Negril Welcome Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	TOTAL
GOACH LAYBY AND WALKWAYS					
EXTERNAL WORKS					
A	Squirt existing asphaltic concrete approximately 100mm deep, load up and dispose as directed.	112	m ²	250.00	28,000.00
B	Grade and roll surface of excavation to falls and cross falls.	112	m ²	2,500.00	280,000.00
C	300mm Thick mast fill as Base spread, levelled and compacted to proctor density, 95% and finished to falls and cross falls to receive asphalt or walkway.	112	m ²	4,500.00	504,000.00
D	150mm x 250mm Precast concrete (28 day strength 20MPa) half battered kerb and channel laid on concrete (1:2:4) foundation 6000mm x 300mm and pointed in cement and sand (1:3) mortar including all necessary excavation through asphalt and excavated materials, etc. (Note chipped or damaged kerbs shall be placed -no repaired or damaged kerb will be accepted) and apply Two coats reflective road marking paint in two coats.	54	m	5,950.00	321,300.00
E	To provide and apply and spray one prime coat of MFCO as specified to finished surface, then lay, shape, wet and roll 38mm thick average asphaltic concrete to existing roadway along areas of roadway disturbed and new prepared surfaces.	67	m ²	300.00	20,100.00
F	Construct V channel, 600mm Average width finished with a steel float inclusive of all necessary formwork and excavation. (Provisional)	35	m	11,500.00	402,500.00
G	Supply and apply 100mm white road marking paint to done to specifications. Concrete Pavers 6000mm x 600mm Precast concrete (28 day strength 20MPa) stamped paver laid on prepared surface. (Note chipped or damaged pavers shall be placed -no repaired or damaged kerb will be accepted)	30	m	2,550.00	76,500.00
H	Walkways Reinforced concrete 21N/mm ² , 100mm thick bed, reinforced with BRC mesh and include for staining with an approved colour and sealing upon completion.	22	m ²	5,000.00	110,000.00
I	Mark surface of unset slab with a 'Trooper Aluminium Grover' or other equal and approved marking tool (at 1.2m centres)	42	m ²	4,500.00	189,000.00
K	Reinishing Wall Provide material, labour to construct stone wall comprising of 21N/mm ² concrete footing 1020mm wide x 300mm deep with 5no. 12mm Diameter mild steel main bars and 12mm diameter U shaped mild steel bar as link girth. 1244mm as footing, walls are tapered in the 1st instance 610mm wide x 710mm high built with compacted 150-200mm diameter river stone set in concrete mortar and 2nd instance, 340mm wide x 690mm high compact 150mm- 200mm diameter river stone set in concrete mortar. Complete with 2 no concrete beam in between, 1st beam 520mm wide x 300mm high with 6no 12mm diameter main bars and 10mm diameter as stirrups spaced at 300mm on centre, complete with formwork and 2nd beam 280mm wide x 300mm high using 4no 12mm diameter mild steel as main bar and 10mm diameter mild steel bar as stirrups spaced 300mm on centre complete with form work. Include for 108mm diameter PVC drain pipe 600mm long set in beam spaced at 600mm on centre. Inclusive of 15mm diameter gravel compacted along wall 500mm wide x 2110mm deep. Include for all necessary excavation, backfill and disposal, shoring up of sides of excavation and working in swampy land, dewatering and the like. All set on 1630mm wide x 300mm thick compacted river stone and 50mm thick 17N/mm ² concrete mix as blinding 1630mm width. All to specification See drawing A-01c Section 1.	34	m	3,500.00	119,000.00
L		8	m	80,000.00	640,000.00
<p style="text-align: center;">ASPHALTING & PAINTING 898 - 25</p>					2,690,400.00

Carried to Collection, Page 5

Negril Welcome Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
A	Retaining Wall Cont'd Provide material, labour to construct stone wall comprising of 21N/m ² concrete footing 762mm wide x 300mm deep with 3no. 12mm Diameter mild steel main bars and 12mm diameter U shaped mild steel bar as link girth. 1072mm as footing, walls are straight with 250mm width in the 1st instance x 700mm high built with compacted 150-200mm diameter river stone set in concrete mortar and 2nd instance, 250mm wide x 710mm high with compact 150-200mm diameter river stone set in concrete mortar. Complete with 2 no concrete beams in between, 1st beam 250mm wide x 300mm high with 4no 12mm diameter main bars and 10mm diameter as stirrups spaced at 300mm on centre, complete with formwork and 2nd beam 250mm wide x 300mm high being 4no 12mm diameter mild steel as main bar and 10mm diameter mild steel bar as stirrups spaced 300mm on centre complete with form work. Include for 100mm diameter PVC drain pipe 600mm long set in beam spaced at 600mm on center; inclusive of 19mm diameter gravel compacted along wall 1500mm wide x 2310mm deep. Include for all necessary excavation, backfill and disposal, shoring up of sides of excavation and working in swamp land, dewatering and the like. All set on 1630mm wide x 300mm thick compacted river shingle and 50mm thick blinding 1630mm width. All to specification See drawing A-01c Section 3.	4	m	60,000.00	240,000.00
B	Provide material, labour to construct Floating stone wall comprising of 2 no concrete beam in between stone wall, 1st beam 250mm wide x 300mm high with 4no 12mm diameter main bars and 10mm diameter as stirrups spaced at 300mm on centre, complete with formwork and 2nd beam 250mm wide x 300mm high using 4no 12mm diameter mild steel as main bar and 10mm diameter mild steel bar as stirrups spaced 300mm on centre complete with form work. Infill walls are straight with 250mm width x 690mm high built with compacted 150-200mm diameter river stone set in concrete mortar. Include for all necessary excavation, backfill and disposal and working in swamp land, dewatering and the like. See drawing A-01c Section 2	3	m	70,000.00	210,000.00
C	Dewatering and Site Clearance Removing ledges overhanging with 1.m, trees at exceeding 3m high and dispose off site.	60	m	200.00	12,000.00
D	Clearing site vegetation 300mm thick and include for disposal to an approved dump. <i>Practical</i>	152	m ²	150.00	22,800.00
<p>WORKS TO BE CARRIED OUT IN SWAMP LANDS, AS SUCH PROVISIONS MUST BE MADE IN RATES OR ELSEWHERE FOR SUCH ALLOWANCES THAT THE CONTRACTOR DEMONS FIT AND CONSIDERS NECESSARY LIKE PUMPING, DEWATERING, SHORING UP EXCAVATIONS AND THE LIKE OR ANY OTHER TEMPORARY WORKS.</p> <p>C EXCAVATION AND EARTHWORKS</p> <p>C10 Excavation and Filling</p>					
E	Excavation to pile maximum depth < 1.5m commencing at strip site level.	35	m ³	4,500.00	157,500.00
F	Excavation to foundation trenches maximum depth < 1.5m commencing at reduced level in marl base.	2	m ³	4,500.00	9,000.00
G	Excavation to curved foundation trenches, maximum depth < 1.5m commencing at reduced level in marl base.	1	m ³	4,500.00	4,500.00
H	Disposal excavated material on site to an approved location.	25	m ³	3,500.00	87,500.00
Carried to Collection Page 5					743,300.00

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5719 ASPHALTING & PAVING
Tel: 898 - 2982

Nagri Welcome Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	TOTAL
C EXCAVATION AND EARTHWORKS CONT'D					
A	Disposal surface water or percolating resulting from rain.		Item		50,000.00
B	Filling to excavation exceeding 0.30 m, arising from excavation selected material free from debris and free from debris.	10	m3	4,000.00	40,000.00
C	Filling to make up levels average thickness not exceeding 0.3m imported compacted mat in two layers 150mm to 95%modified proctor density (Planters).	28	m2	1,200.00	33,600.00
D	Filling to make up levels exceeding 300mm thick imported compacted mat to 95%modified proctor density	13	m3	4,000.00	52,000.00
E	Filling to make up levels average thickness exceeding 150mm thick imported sieved fine white sand compacted and laid on geotextile (measured separately).	9	m2	1,200.00	10,800.00
F	Supply and lay an approved geotextile on top of mat base include for all laps and joints 150mm width and 300mm width along perimeter	10	m2	1,200.00	12,000.00
F: CONCRETE WORK					
F10: In situ - Concrete					
21N/m2 in:					
G	Beams	1	m3	30,500.00	30,500.00
H	Foundation footing	2	m3	30,500.00	61,000.00
J	100mm Thick walls	37	m2	3,050.00	112,850.00
K	100mm Thick suspended slab (Planters)	9	m2	3,050.00	27,450.00
F 20: Steel Reinforcement					
Bar Reinforcement: Mild Steel					
General:					
L	12mm Diameter in foundation trenches	112	kg	250.00	28,000.00
M	12mm Diameter in walls	219	kg	250.00	54,750.00
N	12mm Diameter in beams	158	kg	250.00	39,500.00
O	10mm Diameter as links in foundation footing in N: 130	29	kg	250.00	7,250.00
P	10mm Diameter as stirrups in beams in N: 149	92	kg	250.00	23,000.00
F30: Formwork etc.					
Q	Sides of foundation footing vertical regular shaped.	12	m2	3,000.00	36,000.00
R	Sides of beam regular shaped	18	m2	3,000.00	54,000.00
S	Sides of Walls vertical	88	m2	3,000.00	264,000.00
T	Ditto curved walls to varying radii	16	m2	3,000.00	48,000.00
Carried to Collection, Page 5					984,700.00

PRINTING & PUBLISHING
 2992 - 8988

Negril Welcome Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	U: PAINTING & DECORATING				
	U10 Painting				
A	General surface walls girth exceeding 300mm multi-coloured work, prepare, prime and apply one coat textured gravel on colour to be determined by (Project Manager) medium course.	70	m ²	2,000.00	140,000.00
B	Ditto top of walls not exceeding 152mm width ditto.	18	m	1,000.00	18,000.00
C	Include the Provisional Sum of \$2,500,000.00 for Galvanized Framed Coloured Lettering to be expended as directed by Project Manager.		Sum		2,500,000.00
D	Include the Provisional Sum of \$1,000,000.00 for Landscaping to be expended as directed by Project Manager.		Sum		1,000,000.00
	The Following in Solar Lightings:				
E	Identify proposed pole position as per layout drawing and install pegs as marker for excavation. All pole position to be verified by Engineer prior to excavation.	1	Lot	50,000.00	50,000.00
F	Excavate in soil for concrete foundation base plinth of dimensions Length 762mm x Width 762mm x Depth 2134mm as shown on drawing detail A01b-rev 1.	3	m ³	15,000.00	45,000.00
G	De-watering of excavation in Swamp lands and other unforeseen works.		Item		50,000.00
H	Cart away excavated material from site.		Item		50,000.00
I	Construct concrete base 2134mm ² to include 16mm diameter steel bar reinforcement, formwork and 12mm thick rendering projection above grade as per detail A01b-rev 1 provided.	3	m ²	15,500.00	46,500.00
K	Install only anchor bolts and base plates templates as supplied by the manufacturer on proposed concrete foundation base steel frame as per detail # 1	3	m ²	10,000.00	30,000.00
L	Backfill around concrete base with selected material and compact.	3	m ²	10,000.00	30,000.00
M	Supply and install 25 feet Metal pole on concrete base anchor with nuts, bolts and washers complete with support brackets. The Metal pole shall be of material to resist corrosion from sea air.	3	m ²	405,000.00	1,215,000.00
N	Supply and install independent All in One Solar Powerol system with LED 250 Wats light fixture on poles complete with support brackets. Each light fixture shall include top quality solar cells, deep cycle lithium battery, photo cells, and motion sensor.	3	m ²	100,000.00	300,000.00
O	Supply and install 3/4" PVC conduit to be installed in concrete base to accommodate ground wire as per detail.	36	ft	1,000.00	36,000.00
P	Supply and install 16mm ground wire to earth steel pole and base to accommodate ground wire as per detail drawing.	45	ft	1,000.00	45,000.00

Carried to Collection, Page 5

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 5,550,000.00
 2022

Negri Welcome Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
A	Supply and install 8ft x 5/8" diameter Copper Ground rod complete with clamp and pvc inspection chamber. Include also for ring and comp. lugs to connect at pole base.	3	rod	3,500.00	10,500.00
B	Include for miscellaneous items such as nuts, bolts, washers and connectors to complete the works. The Following in Highway cable Barriers:	1	Item		100,000.00
C	Supply and install galvanized tension cable barrier in two strands 19mm in diameter complete with C shaped cable post 50mm x 100mm x 4mm fixed in concrete and spaced every 2 meter all dose to manufacturer's specifications height 900mm. Inclusive of all necessary excavation, backfilling, disposal and concrete works. Carried to Collection, Page 5	15	m	15,000.00	225,000.00
	Collection				335,500.00
	From Page 1				2,690,400.00
	From Page 2				743,300.00
	From Page 3				984,700.00
	From Page 4				5,535,500.00
	From Page 5				335,500.00
	Carried to MAIN WORKS SUMMARY, Page G5/1				

309
 26,8309,400.00
 335,500.00
 27,166,309.00
 2024/11/15



APPENDIX 1

LIST OF PRIME COST AND PROVISIONAL SUMS

PAGE	DESCRIPTION	PRIME COST SUMS (\$)	PROVISIONAL SUM (\$)
GSI / C	CONTINGENCY SUM - GENERAL		500,000.00
	<u>Measured Work</u>		
4 / C	GALVANIZED FRAMED COLORED LETTERING		2,500,000.00
4 / D	LANDSCAPING		1,000,000.00
		0.00	4,000,000.00

CO. J'S ACCOUNTING & PAYING
1st Floor

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APPENDIX 2

SCHEDULE OF BASIC PRICES OF MATERIAL

(Current at the date of tender and on which the rates in this contract are based)

The Contractor must fill in this Schedule (inserting additional pages if required) stating the supplier and the price in the appropriate column.

ITEM	MATERIAL AND GOODS	UNIT OF SALE	PRICE PER UNIT (incl. GST)	NAME OF SUPPLIER
	6" Black	M	100	Greenwood
	8" Black	M	125	"
	21 M ² Concrete, 30cm ² (also 40cm)		19,500	Pro-trade
	Run-pipe		21,500	"
	2 1/2" PVC pipe	700	139,400	} Tait weld
	1 1/2" steel	700	141,000	
	4 1/2" steel	5 cpl.	10,000	Greenwood Hardware
	Panel - Transition Texture	dash	10,000	
	5/8" 1/4" form	M	1,600	
	3/8" 1/2" concrete precast blocks			
	MUD			
	wood	yd	4,500	
	metal plate 2x 1/2"		20,000	
	LOS 750 wall light fixture	M	80,000	
	Greenwood		5,000	
	Town - Chk. Cals			

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