

COMPLETE AND RETURN THIS PART WITH YOUR TENDER

PAGE 1

APPENDIX 4

**SCHEDULE OF RATES - SCHEDULE 1A
QUARTERLY INSPECTIONS**

058

ITEM NO	DESCRIPTION	APPROXIMATE NO OF HOURS	ESTIMATED COST
1	SEPTEMBER INSPECTIONS/MAINTENANCE		
1.1	General quarterly inspection of the entire lighting installation at night and again during the day including submission of a detail list of all failures/faults	26 Hrs	\$ 1170.00
1.2	Routine clean of all type 3, 3a, 6, 7 and 8 poles and luminaries of Joondalup City Centre	320 Hrs	\$ 1442.00
1.3	Routine clean of all type 2 pole and luminaries of Beaumaris estate, Iluka	60 Hrs	\$ 2643.00
SUB TOTAL			\$
2	DECEMBER INSPECTIONS/MAINTENANCE		
2.1	General quarterly inspection of the entire lighting installation at night and again during the day including submission of a detail list of all failures/faults.	26 Hrs	\$ 1170.00
SUB TOTAL			\$
3	MARCH INSPECTIONS/MAINTENANCE		
3.1	General quarterly inspection of the entire lighting installation at night and again during the day including submission of a detail list of all failures/faults.	26 Hrs	\$ 1170.00
3.2	Routine clean of all type 1, 2, 2A, 4 and 5 poles and luminaries	320 Hrs	\$ 1442.00
3.3	Routine clean of all type 1 pole and luminaries of Beaumaris Estate, Iluka	60 Hrs	\$ 2643.00
Note: procedure 3.2 and 3.3 will only be undertaken once every three years. The City of Joondalup will confirm if this procedure will be required during the 12 month contract period. Tenders must still include in their breakdown costs and manhour allowance for this procedure.			
SUB TOTAL			\$
4	JUNE INSPECTIONS/MAINTENANCE		
4.1	General quarterly inspection of the entire lighting installation at night and again during the day including submission of a detail list of all failures/faults.	26 Hrs	\$ 1170.00
SUB TOTAL			\$
TOTAL LUMP SUM PRICE			\$
FOR PERIODICAL INSPECTIONS AND MAINTENANCE			

38,506

**SCHEDULE OF RATES - SCHEDULE 1B
LIGHTING MAINTENANCE**

CITY OF JOONDALUP
OPENING TENDERS
24 JUL 2008
CITY OFFICERS

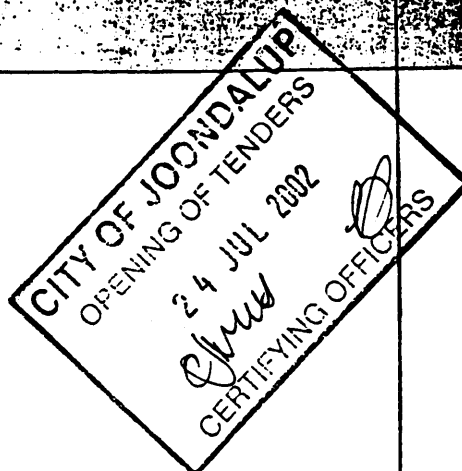
059

ITEM NO	DESCRIPTION		(VAT INCL)
1	LABOUR RATES ONLY - FOR AUTHORISED (REPAIR) WORKS		
1.1	Call out charge inclusive of all disbursements and travel time both ways.	per visit	65-00
1.2	Hire of Cherry Picker including licensed operator (specify minimum charge applicable).	per hour	50-00 3HR MIN
1.3.1	Hourly rate while on site for detection/repair of electrical fault/damage and for replacement of parts etc as required (excluding cherry picker costs). Specify minimum charge, if any.	per hour	47.75
1.3.2	Surcharge for after hours labour	% of rate for item 1.3.1	35%
1.4	Call out charge for nominated specialist painting subcontractor inclusive of all disbursements and travel time both ways.	per visit	125-00
1.5	Hourly rate for nominated specialist painting subcontractor while on site carrying out repairs. (Specify minimum charge, if any).	per hour	30.00
2	MATERIAL SUPPLY RATES (Supply Only)		
2.1	Supply pole only (complete and painted)		
(a)	Type 1 pole	1	5454.90
(b)	Type 2 pole	1	4301.60
(c)	Type 2A pole	1	4363.70
(d)	Type 3 pole	1	2544.30
(e)	Type 3A pole	1	2572.90
(f)	Type 4 pole	1	6557.50
(g)	Type 5 pole	1	5600.70
(h)	Type 6 pole	1	884.90
(i)	Type 7 pole	1	837.40
(j)	Type 8 pole	1	849.90
(k)	Type 1 pole (Iluka)	1	7417.70
(l)	Type 2 pole (Iluka)	1	3924.00
2.2	Supply Luminaire (excluding lamp and gear)		
(a)	Type 1 pole	1	941-38
(b)	Type 2 pole	1	941-38
(c)	Type 2A pole	1	941-38
(d)	Type 3 pole	1	828.85
(e)	Type 3A pole	1	828.85
(f)	Type 4 pole	1	941-38
(g)	Type 5 pole	1	941-38
(h)	Type 6 pole	1	1087.37
(i)	Type 7 pole	1	1164.99
(j)	Type 8 pole	1	600.00
(k)	Type 1 pole (Iluka)	1	1092.00
(l)	Type 2 pole (Iluka)	1	1054.00
2.3	Supply Lamp		
(a)	Type 1 pole	1	13.84
(b)	Type 2 pole	1	15.31
(c)	Type 2A pole	1	13.84
(d)	Type 3 pole	1	25.87

COMPLETE AND RETURN THIS PART WITH YOUR TENDER
SCHEDULE OF RATES - SCHEDULE 1B (continued)

060

ITEM NO	DESCRIPTION	QUANTITY	RATE (WITHOUT GST)
2.4	(e) Type 3A pole	1	6.00
	(f) Type 4 pole	1	16.00
	(g) Type 5 pole	1	16.00
	(h) Type 6 pole	1	26.00
	(i) Type 7 pole	1	26.00
	(j) Type 8 pole	1	26.00
	(k) Type 1 pole (Iluka)	1	15.31
	(l) Type 2 pole (Iluka)	1	15.31
	Supply earth stud		
	(a) Type 1 pole	1	1.10
	(b) Type 2 pole	1	1.10
	(c) Type 2A pole	1	1.10
	(d) Type 3 pole	1	1.10
	(e) Type 3A pole	1	1.10
	(f) Type 4 pole	1	1.10
	(g) Type 5 pole	1	1.10
	(h) Type 6 pole	1	1.10
	(i) Type 7 pole	1	1.10
	(j) Type 8 pole	1	1.10
2.5	Supply HPM Photo electric cell	1	64.00
2.6	Supply complete control gear on a galvanised tray		
	(a) Type 1 pole (240V)	1	46.96
	(b) Type 2 pole (240V)	1	47.78
	(c) Type 2A pole (240V)	1	46.96
	(d) Type 3 pole (240V)	1	46.96
	(e) Type 3A pole (240V)	1	46.96
	(f) Type 4 pole (240V)	1	47.78
	(g) Type 5 pole (240V)	1	47.49
	(h) Type 6 pole (240V)	1	46.96
	(i) Type 7 pole (240V)	1	46.96
	(j) Type 8 pole (240V)	1	46.46
	(k) Type 5 pole (415 V constant wattage control gear)	1	129.47
2.7	Supply ballast only		
	(a) Type 1 pole (240V)	1	18.59
	(b) Type 2 pole (240V)	1	18.59
	(c) Type 2A pole (240V)	1	17.33
	(d) Type 3 pole (240V)	1	18.59
	(e) Type 3A pole (240V)	1	18.59
	(f) Type 4 pole (240V0)	1	19.59
	(g) Type 5 pole (240V)	1	19.59
	(h) Type 6 pole (240V)	1	18.59
	(i) Type 7 pole (240V)	1	18.59
	(j) Type 8 pole (240V)	1	18.59
	(k) Type 5 pole (415 V constant wattage)	1	100.00
2.8	Supply control gear fuse only	1	9.00
2.9	Supply control gear fuse base holder only	1	31.27
2.10	Supply capacitor only		
	(a) Type 1 pole (240V)	1	4.40
	(b) Type 2 pole (240V)	1	4.40



COMPLETE AND RETURN THIS PART WITH YOUR TENDER
SCHEDULE OF RATES - SCHEDULE 1B (continued)

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ITEM NO	DESCRIPTION	QTY	UNIT PRICE (WITH GST)
	(c) Type 2A pole (240V)	1	4.40
	(d) Type 3 pole (240V)	1	4.40
	(e) Type 3A pole (240V)	1	4.40
	(f) Type 4 pole (240V)	1	4.40
	(g) Type 5 pole (240V)	1	4.40
	(h) Type 6 pole (240V)	1	4.40
	(i) Type 7 pole (240V)	1	4.40
	(j) Type 8 pole (240V)	1	4.40
	(k) Type 5 pole (415 V constant wattage control gear)	1	4.40
2.11	Supply type 3 & 3A luminaire clear acrylic dome shade.	1	4.40
2.12	Supply type 3 & 3A luminaire prismatic glass internal refractor.	1	262.26
2.13	Supply type 3 & 3A luminaire prismatic glass internal refractor complete with internal aluminium glare shield.	1	243.57
2.14	Supply type 7 luminaire internal polished aluminium louvre complete with internal glare shield.	1	269.80
2.15	Supply type 6 & 7 luminaire clear acrylic sphere.	1	45.31
2.16	Supply type 1 luminaire prismatic acrylic domed reflector.	1	380.00
2.17	Supply type 1 luminaire prismatic acrylic bottom refractor (lens cover to dome reflector)	1	183.56
2.18	Supply type 1 luminaire rolled stainless steel refractor retaining band complete with latch.	1	95.78
2.19	Supply type 8 luminaire clear acrylic (conical shape) diffuser.	1	55.66
2.20	Supply one (1) type 4 banner arm painted and complete with stainless steel eye bolts/fixings.	1	574.75
2.21	Supply luminaire lamp holder	1	1296.21
	(a) Type 1 pole (240V)	1	4.13
	(b) Type 2 pole (240V)	1	4.13
	(c) Type 2A pole (240V)	1	4.13
	(d) Type 3 pole (240V)	1	4.13
	(e) Type 3A pole (240V)	1	4.13
	(f) Type 4 pole (240V)	1	4.13
	(g) Type 5 pole (240V)	1	4.13
	(h) Type 6 pole (240V)	1	4.13
	(i) Type 7 pole (240V)	1	4.13
	(j) Type 8 pole (240V)	1	4.13
	(k) Type 5 pole (415 V constant wattage control gear)	1	4.13
	(l) Type 1 pole (Iluka)	1	4.13
	(m) Type 2 pole (Iluka)	1	4.13
22	Supply of switchboard contactors	1	4.13
	(a) Clipsal 6C 38/240V AC contactor	1	4.13
	(b) Clipsal 6C 95/240V AC contactor	1	187.92
	(c) Specher & Schuch CA6-140 [E1] 240V contactor	1	501.13
		1	770.00

COMPLETE AND RETURN THIS PART WITH YOUR TENDER

SCHEDULE OF RATES - SCHEDULE 1B (continued)

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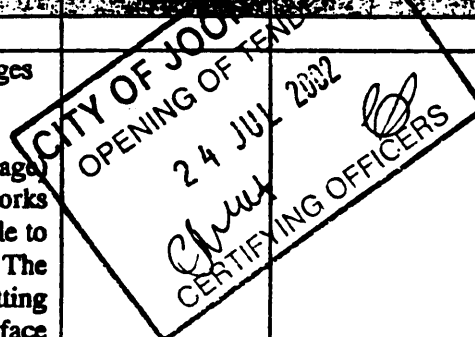
ITEM NO	DESCRIPTION		(WITH)
2.23	Supply of lighting circuit breakers		
(a)	Clipsal 1 pole 16 amp DIN 6KA ACB	1	8.36
(b)	Clipsal 1 pole 20 amp DIN 6KA ACB	1	8.36
(c)	Clipsal 3 pole 20 amp DIN 6KA ACB	1	40.96
(d)	Merlin Gerin 1 pole 16 amp C60N ACB	1	8.80
(e)	Merlin Gerin 1 pole 20 amp C60N ACB	1	8.80
(f)	Merlin Gerin 3 pole 20 amp C60N ACB	1	44.00
2.24	Supply heavy duty orange conduit size	(per std 4 metre length)	
(a)	25mm dia	1	2.97
(b)	32mm	1	4.29
(c)	40mm	1	6.33
(d)	50mm	1	8.53
(e)	63mm	1	13.31
(f)	80mm	1	21.51
(g)	100mm	1	31.35
2.25	Supply lighting cabling		
(a)	2 x 1C 2.5mm ² + 2.5mm ² Earth PVC	per metre	.63
(b)	2 x 1C 4mm ² + 2.5mm ² Earth PVC	per metre	1.38
(c)	2 x 1C 6mm ² + 2.5mm ² Earth PVC	per metre	1.97
(d)	2 x 1C 10mm ² + 4mm ² Earth PVC	per metre	3.69
(e)	2 x 1C 16mm ² + 6mm ² Earth PVC	per metre	6.60
(f)	4 x 1C 4mm ² + 2.5mm ² Earth PVC	per metre	2.54
(g)	4 x 1C 6mm ² + 2.5mm ² Earth PVC	per metre	3.62
(h)	4 x 1C 10mm ² + 4mm ² Earth PVC	per metre	5.17
(i)	4 x 1C 16mm ² + 6mm ² Earth PVC	per metre	7.43
2.26	Supply cable pit		
(a)	GRC 5xT 560 x 330 x 650 deep	1	60.37
(b)	GRC 12 760 x 700 x 825 deep	1	166.32
(c)	GRC 18 800 x 700 x 850 deep (trafficable)	1	273.50
2.27	Supply replacement cable pit lid only		
(a)	GRC 5xT	1	20.94
(b)	GRC 12	1	59.70
(c)	GRC 18	1	104.72
2.28	Supply pole foundation reinforcement cage complete with holding down bolts		
(a)	Type 1 pole (240V)	1	203.50
(b)	Type 2 pole (240V)	1	203.50
(c)	Type 2A pole (240V)	1	203.50
(d)	Type 3 pole (240V)	1	203.50
(e)	Type 3A pole (240V)	1	203.50
(f)	Type 4 pole (240V)	1	203.50
(g)	Type 5 pole (240V)	1	203.50
(h)	Type 6 pole (240V)	1	99.00
(i)	Type 7 pole (240V)	1	99.00
(j)	Type 8 pole (240V)	1	99.00
(k)	Type 5 pole (415 V constant wattage control gear)	1	203.50
2.29	Supply of a pole stainless steel engraved numbered label.	1	27.50

COMPLETE AND RETURN THIS PART WITH YOUR TENDER

SCHEDULE OF RATES - SCHEDULE 1B (continued)

063

ITEM NO	DESCRIPTION		
3	SUPPLY AND LABOUR RATE ITEMS (any call out charges must be included in these items)		
3.1	REPLACE DAMAGED LIGHT POLE (Major Damage) Contractor to pick up a spare light pole from the Council Works Depot, replace the damaged pole on site, deliver damaged pole to Depot and supply & install a new lightpole in the Depot. The price to include all transport, disconnection, reconnection, fitting of all electrical components, reinstatement of surrounding surface other than hardstand (paving) but shall exclude the material cost of luminaire, lamp & control gear.		
	(a) Type 1	1	7324.90
	(b) Type 2 & 2A	1	6177.60
	(c) Type 3 & 3A	1	4112.90
	(d) Type 4	1	5937.50
	(e) Type 5	1	7146.70
	(f) Type 6	1	1233.40
	(g) Type 7	1	1052.40
	(h) Type 8	1	1481.50
	(i) Type 1 pole (Iluka)	1	8400.00
	(j) Type 2 pole (Iluka)	1	5400.00
3.2	REPLACE DAMAGED LIGHT POLE (Major Damage) Contractor to pick up a spare light pole from the Council Works Depot, replace the damaged pole on site and deliver damaged pole to Depot. The price to include all transport, disconnection, reconnection, fitting of all electrical components, reinstatement of surrounding surface other than hardstand (paving) but shall exclude the material cost of luminaire, lamp & control gear.		
	(a) Type 1	1	1210.00
	(b) Type 2 & 2A	1	1210.00
	(c) Type 3 & 3A	1	1210.00
	(d) Type 4	1	1210.00
	(e) Type 5	1	1210.00
	(f) Type 6	1	605.00
	(g) Type 7	1	605.00
	(h) Type 8	1	605.00
	(i) Type 1 pole (Iluka)	1	1210.00
	(j) Type 2 pole (Iluka)	1	605.00
3.3	Rate for reinstatement of hardstand area (using existing brick pavers), if any, required during pole replacement	per pole	566/m ² +75 SETUP
3.4	REPLACE DENTED LIGHT POLE. Contractor to engage a licensed structural engineer to inspect and determine the poles suitability for repair. Assuming the pole is considered repairable include to remove the pole from site and replace with a spare from the Council Works Depot. The dented pole shall be delivered to the Depot. The price shall include disconnection, craneage transport, reconnection, fitting of all electrical and hardware components, reinstatement of surrounding surface other than hardstand (paving) but shall <i>exclude the material cost of</i> luminaire, lamp and control gear.		
	(a) Type 1	1	850.00
	(b) Type 2 & 2A	1	850.00
	(c) Type 3 & 3A	1	850.00



COMPLETE AND RETURN THIS PART WITH YOUR TENDER
SCHEDULE OF RATES – SCHEDULE 1B (continued)

064

ITEM NO	DESCRIPTION	QTY	UNIT PRICE (WITH 10% GST)
	(d) Type 4	1	450.00
	(e) Type 5	1	450.00
	(f) Type 6	1	350.00
	(g) Type 7	1	400.00
	(h) Type 8	1	400.00
	(i) Type 1 pole (Iluka)	1	800.00
	(i) Type 2 pole (Iluka)	1	400.00
3.5	Collection from the Works Depot and transportation of up to five (5) of any pole types or combination of pole types to a nominated pole repairer (within a 70km radius of the Depot) including all loading and unloading costs. Collection and transportation of repaired poles back to Depot including installation of poles on to existing foundations at the Depot.		1300.00
3.6	REPLACE DAMAGED LIGHT POLE (Major Damage) Contractor to pick up the spare light pole from the Council Works Depot, replace the damaged pole on site and deliver damaged pole to Depot. The price to include the cost of replacement luminaire, lamp, control gear, etc.		
	(a) Type 1	1	3200.00
	(b) Type 2 & 2A	1	2200.00
	(c) Type 3 & 3A	1	2100.00
	(d) Type 4	1	2200.00
	(e) Type 5	1	3165.00
	(f) Type 6	1	1354.00
	(g) Type 7	1	1366.71
	(h) Type 8	1	
	(i) Type 1 pole (Iluka)	1	1164.95
	(j) Type 2 pole (Iluka)	1	3200.00
3.7	REPLACE DAMAGED LIGHT POLE (Major Damage) with a complete new pole with new luminaire, lamps, control gear, etc. Deliver damaged pole to Council Works Depot.		2344.00
	(a) Type 1		9330.00
	(b) Type 2 & 2A	1	7107.00
	(c) Type 3 & 3A	1	5051.00
	(d) Type 4	1	9417.00
	(e) Type 5	1	9158.24
	(f) Type 6	1	2400.00
	(g) Type 7	1	2412.00
	(h) Type 8	1	
	(i) Type 1 pole (Iluka)	1	2251.00
	(j) Type 2 pole (Iluka)	1	10540.00
3.8	REPAINT ENTIRE POLE. Include in the price for engaging a specialist painting subcontractor to repaint the entire pole in situ including all surface preparation, undercoating / priming, top coats and protection of surrounding area from overspray. Price to include masking off of all existing equipment such as luminaires, pole labels, stainless steel fixings, etc.	1	5290.00
	(a) Type 1	1	2714.00
	(b) Type 2 & 2A	1	2356.00
	(c) Type 3 & 3A	1	651.00
	(d) Type 4	1	2741.00

COMPLETE AND RETURN THIS PART WITH YOUR TENDER
SCHEDULE OF RATES – SCHEDULE 1B (continued)

065

ITEM NO	DESCRIPTION	UNIT	QUANTITY	AMOUNT
	(e) Type 5		1	3120.00
	(f) Type 6		1	440.00
	(g) Type 7		1	440.00
	(h) Type 8		1	440.00
	(i) Type 1 pole (Iluka)		1	2710.00
	(j) Type 2 pole (Iluka)		1	420.00
3.9	Replacement of the cast steel base collar pole surrounds (from spares at the Council Works Depot). Include new stainless steel bolt/nut fixings to hold casting halves together, installation of grey foam protective band (tape) between pole and base collar			
	(a) Type 1		1	505.00
	(b) Type 2 & 2A		1	505.00
	(c) Type 3 & 3A		1	400.00
	(d) Type 4		1	505.00
	(e) Type 5		1	505.00
3.10	Clean luminaire (inside & outside inclusive of cleaning material)			
	(a) Type 1 pole A 'A' meaning 60 units PER/ A60	1	A	1540.00
	(b) Type 2 pole A at a time	1		
	(c) Type 2A pole A	1		
	(d) Type 3 pole B 'B' meaning 80 units PER/ B40	1	A	1300.00
	(e) Type 3A pole B at a time	1		
	(f) Type 4 A While on site \$12.00	1		
	(g) Type 5 A If needs cleaning	1		
	(h) Type 6 B	1		
	(i) Type 7 B	1		
	(j) Type 8 A	1		
3.11	Remove existing pole concrete foundation and replace with a new concrete foundation complete with holding down bolts (include craneage removal and disposal of existing foundation, cable, conduit modifications and compaction) excluding reinstatement of hardstand			
	(a) Type 1	1		580.00
	(b) Type 2 & 2A	1		580.00
	(c) Type 3 & 3A	1		580.00
	(d) Type 4	1		580.00
	(e) Type 5	1		580.00
	(f) Type 6	1		580.00
	(g) Type 7	1		580.00
	(h) Type 8	1		580.00
3.12	Remove one (1) existing banner arm from a type 4 pole and replace with a new banner arm.	each		1404.00
3.13	Remove two (2) existing banner arms from a type 4 pole and replace with two (2) new banner arms.	each		2504.00
3.14	Supply and install new cabling in existing underground conduits including removal of redundant existing cabling for each cable size	each		
	(a) 2 x 1C 2.5mm ² + 2.5mm ² Earth PVC	per metre		4.95
	(b) 2 x 1C 4mm ² + 2.5mm ² Earth PVC	per metre		55.00

COMPLETE AND RETURN THIS PART WITH YOUR TENDER
SCHEDULE OF RATES – SCHEDULE 1B (continued)

ITEM NO	DESCRIPTION	UNIT	PRICE
	(c) 2 x 1C 6mm ² + 2.5mm ² Earth PVC	per metre	6.05
	(d) 2 x 1C 10mm ² + 4mm ² Earth PVC	per metre	6.60
	(e) 2 x 1C 16mm ² + 6mm ² Earth PVC	per metre	7.59
	(f) 4 x 1C 4mm ² + 2.5mm ² Earth PVC	per metre	7.15
	(g) 4 x 1C 6mm ² + 2.5mm ² Earth PVC	per metre	7.70
	(h) 4 x 1C 10mm ² + 4mm ² Earth PVC	per metre	8.80
	(i) 4 x 1C 16mm ² + 6mm ² Earth PVC	per metre	10.45
3.15	Supply and install new conduit underground including raising brick paving, trenching, danger tape, backfill, compaction and reinstatement of brick paving for each conduit size:		
	(a) 25mm		13.20
	(b) 32mm	per metre	14.30
	(c) 40mm	per metre	16.50
	(d) 50mm	per metre	17.60
	(e) 63mm	per metre	22.00
	(f) 80mm	per metre	28.60
	(g) 100mm	per metre	41.80
3.16	Inspection and retensioning of pole holding down bolts at pole base plate (including removal and reinstatement of paving hardstand)		
	(a) Type 1	1	220.00
	(b) Type 2	1	220.00
	(c) Type 2A	1	220.00
	(d) Type 4	1	220.00
	(e) Type 5	1	220.00
	(f) Type 6	1	110.00
	(g) Type 7	1	110.00
	(h) Type 8	1	110.00
	(i) Type 1 pole (Iluka)	1	170.00
	(j) Type 2 pole (Iluka)	1	150.00
3.17	Remove chewing gum and/or graffiti from any pole type (refer to specification)		27.50

DISCOUNT TERMS

5% discount if accounts are paid within fourteen (14) days of receipt of account. ☐ Yes ☒ No (please ✓)

The charges which are set out in the Schedule of Rates, shall be firm and not subject to variation for labour, fuel, materials, taxes, levies, travel, duties, administration including GST administration expenses, mobilization, demobilization, implementation or transport and for all delays normal to accepted work practices.

Tenderer: HIGH SPEED ELECTRICS

Signature of the authorised representative: _____

Date: 24th of JULY 2002.

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