

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

AMENDMENT NO. 1 DATED 29.02.2016
TO TENDER NO SDG9824P16/07

This Amendment no. 1 dated 29.02.2016 to tender no. SDG9824P16/07 for 01(ONE) No **Electronic Total Station** is issued to read the **Technical Specification** of the tender document as under in lieu of the existing –

A. Technical Specification of Total Station:

Sl. No.	Description	Specifications	Amended Specifications
A.1	Angle Measurement		
(a)	Least Count	0.5 to 1 Sec or better	No Change
(b)	Angle Accuracy as per ISO for both Hz, V angle	1 sec or less	No Change
(c)	Method	Absolute Encoders	No Change
A.2	Telescope		
(a)	Telescope Magnification	30X or more	No Change
(b)	Field view	1°30' or	No Change
(c)	Minimum Focusing Distance	1.7m or less	No Change
(d)	Aperture	45mm or less	No Change
A.3	Distance Measurement		
A.3.1	WITH PRISM		
(a)	Using Long Range EDM	Minimum 3000 m with single prism	No Change
(b)	Accuracy	±(2 mm + 2ppm)	No Change
A.3.2	WITHOUT PRISM		
(a)	Range	Minimum 200 meter	No Change
(b)	Accuracy up to 200 meter	±(5 mm + 2ppm)	±(5 mm + 2ppm) or better
A.4	Measuring Mode and Time		
(a)	Fine Mode	3 Sec or less	No Change

(b)	Coarse or Rapid Mode	2 Sec or less	No Change
(c)	Tracking Mode	1.5 Sec or less	No Change
A.5	Memory		
(a)	Internal Memory	192 MB / Capable of storing approximately 10,000 points or better.	No Change
(b)	External Memory	Total station should have interface for external memory device (three numbers of external memory device should be provided with each total station unit).	No Change
A.6	Compensator		
(a)	Type	Dual Axis	No Change
(b)	Compensating Range	±6 second or better	±3' or better
A.7	Plummet		
(a)	Laser /Optical Plummet	Inbuilt Laser/Optical Plummet	No Change
A.8	Display		
(a)	Display	Full colour graphical display & should have alpha numeric code on both sides of the total station	Full colour graphical display & should have alpha numeric code/keyboard on both sides of the total station
A.9	Power Options		
(a)	Battery	Lithium Ion Batteries/Ni-MH battery	No Change
(b)	Operation Time	Should be minimum of 6 hours	No Change
A.10	Accessories		
(a)	Singular circular prism with holder and target plate	2 Nos. for each Total Station)	No Change
(b)	Reflector pole, telescopic with circular bubble, cm and feet Graduation, extended up to at least 2.15 metres.	(2 Nos. each Total Station)	No Change
(c)	Dual strut support (bipod) for pole prism carrier	(2 Nos. for each Total Station)	No Change
(d)	Instrument height meter	(2 Nos. for each Total Station)	No Change
(e)	Tribrach with optical plummet must be offered	(5 sets with each Total Station)	No Change
(f)	Wooden Telescopic Tripod must be offered	(4 Nos. for each Total Station)	No Change
(g)	Rechargeable internal batteries,	3 (three) nos. for each Total Station with quick chargers	No Change

		(three nos.) must be offered	
(h)	All the necessary cables & other accessories required for any kind of geodetic surveying,	2 set must be offered with each Total Station	No Change

B. Office Software and Hardware

B.1	Specification for Office Software		
	Jobs	Description	
(a)	No. of Software License	Three (3) in No	No Change
(b)	Data Handling	The Software should be capable of handling the Total Station data in all the aspects of data import/export, data processing, data integration and data management	No Change
(c)	Import	Capable of Importing the Raw Data logged from Total Station created in the field as such	No Change
(d)	Export	Capable of Exporting Data in CSV, ASCII formats and other standard formats	No Change
(e)	Reporting	Software should be capable of generating HTML style reports directly for the surveyed data	No Change
(f)	Datum Transformation	Capable of transferring the data from one datum to another for given set of common points with or without the knowledge of datum	No Change
(g)	Adjustment	Capable of performing 3D adjustments for the surveyed area of Total Station networks	No Change
(h)	Feature Coding	Software should support feature coding with attribute information	No Change
(i)	COGO Calculations	Software should be capable of computing the coordinates of unknown points using reference points and coordinate geometry	No Change

(j)	Area & Line, Spline creations	Area & Line, Spline creations: The software should be capable of creating line, spline and area for the surveyed data	No Change
(k)	Image Referencing	The software should have an image referencing module and the surveyed data should be imported directly on this back ground Raster Image	No Change
B.2	Specifications for Hardware		
B.2.1	PC (For Post-processing)		
(a)	Quantity	Five (05) in No	No Change
(b)	Processor	Intel® Core(TM) i7 Processor 3.0 GHz/ 8MB Cache or Better	No Change
(c)	Operating System	Compatible with the software.(Genuine Windows 7 or MS-XP desirable)	No Change
(d)	Software	Microsoft® Office 2010 Software professional and latest version of adobe professional	No Change
(e)	Warranty & Service	1-year Premier Service with 1-year Complete Cover	No Change
(f)	Memory	8GB Dual Channel 1333 MHz DDR3 SDRAM or better	No Change
(g)	Hard Drive	1 (one) TB SATA Hard Drive or better	No Change
(h)	Internal Optical Drive	Slot Load 8X DVD + /- RW Drive with double layer write capability	No Change
(i)	Antivirus	Efficient Antivirus of one year subscription	No Change
(j)	Monitor	Full HD LED monitor (17 inch or more)	No Change
(k)	Keyboard	Multimedia keyboard	No Change
(l)	Mouse	Optical Mouse	No Change
(m)	Graphics Card	Compatible dedicated graphics card (NVIDIA)	No Change
(n)	General	All the Essential software and accessories should be provided in CD.	No Change

B.2.2	Colour Laser Printer		
(a)	Quantity	Two (02) in No	No Change
(b)	Make	Vendor must quote	No Change
(c)	Model	Vendor must quote	No Change
(d)	Print technology	Color Laser	No Change
(e)	Print speed(A4 @ Normal Mode)	Minimum 30 ppm (Color) & Minimum 30 ppm (Black)	No Change
(f)	Print Resolution	Minimum 600 dpi	No Change
(g)	Device Memory(RAM)	Minimum 768 MB	No Change
(h)	Duplex Printing	Automatic	No Change
(i)	Media Size	Legal, letter, A4,A3 etc.	No Change
(j)	Paper Handling	1 No. Multipurpose input tray with Minimum 100 sheets 1 No. input tray Minimum 500 sheets.	No Change
(k)	Connectivity	Minimum 1 Hi-Speed USB 2.0	No Change
(l)	Compatible OS	Windows Vista, 7, 8 or higher	No Change
(m)	Power Supply	220-240 V	No Change
(n)	Function	Print only (Single function printer)	No Change
(o)	General	All the Essential software and accessories should be provided. Full capacity original Color & Black Toner Cartridges to be provided.	No Change
B.2.3	All-in-one Colour Inkjet Printer		
(a)	Quantity	Three (03) in No	No Change
(b)	Make	Vendor must quote	No Change
(c)	Model	Vendor must quote	No Change
(d)	Standard Interface	Minimum 1 Hi-speed USB 2.0	No Change
(e)	Functions	Print, copy, scan, etc.	No Change
(f)	Compatible OS	Windows Vista, 7, 8 or higher	No Change

(g)	Power Supply	220-240 V	No Change
Print specification			
(h)	Print type	Multifunction Colour Inkjet	No Change
(i)	ISO Print Speed(A4)	Black:Minimum 15 ppm/ipm Color:Minimum 10 ppm/ipm	No Change
(j)	Print Resolution	Minimum 600 dpi	No Change
(k)	Media size	A4, Letter, etc.	No Change
(l)	No. of print Cartridges	4 full capacity cartridges (1 each black, cyan, magenta, yellow)	No Change
(m)	Duplex printing	Automatic (Standard)	No Change
Scan Specification			
(n)	Optical Scan Resolution	1200 dpi Minimum	No Change
(o)	Scan speed	Up to 5.5 ipm (200 ppi, b&w); up to 5.5 ipm (200 ppi, color)	No Change
(p)	General	All the Essential software and accessories should be provided.	No Change

All other terms and condition of the tender remain unchanged.

Sd/-

(S.K.SAHU)

SPO (FP)

FOR HEAD MATERIALS

FOR RESIDENT CHIEF EXECUTIVE