

M/S Shajeda & Co

Price and Delivery Schedule for Goods (Form e-PG3-3A)

Note 1: Delivery period starts from the date of contract signing.

Item No (1)	Description of Item (2)	Measurement Unit (3)	Quantity (4)	Point of Delivery (5)	Delivery Period (in days) (Note:1) (6)	Country of Origin (7)	Unit Price in Figure (BDT) (8)	Unit Price in Words (BDT) (9)	Total Price in Figure (BDT) (10)	Total Price in Words (BDT) (11)
1	Supply of 5T capacity Single Girder Under Hung Crane Along with its accessories as per attached Technical Specification	Set	1.000	SWTP-1, Sub Store	360	Finland	12950000.001	One Crore Twenty-Nine Lakh Fifty Thousand point Zero Zero One	12950000.001	One Crore Twenty-Nine Lakh Fifty Thousand point Zero Zero One
								Grand Total:	12950000.001	One Crore Twenty-Nine Lakh Fifty Thousand point Zero Zero One

The Goods covered by this Tendering process shall require to be delivered in accordance with this Delivery and Completion Schedule. No credit will be given for earlier completion.

This Price and Delivery Schedule for Goods (Form e-PG3-3A) is Electronically Signed by Mr. Farazi Md Islam on behalf of M/S Shajeda & Co

M/S Shajeda & Co

Price and Delivery Schedule for Related Services (Form e-PG3-3B)

Note 1: Delivery period starts from the date of contract signing.

Item No. (1)	Description of Item (2)	Measurement Unit (3)	Quantity (4)	Point of Completion (5)	Completion Period (in days) (6)	Country of Origin (7)	Unit Price in Figure (BDT) (8)	Unit Price in Words (BDT) (9)	Total Price in Figure (BDT) (10)	Total Price in Words (BDT) (11)
1	Engineer's site office of minimum 15 sqm plinth area with providing necessary facilities including office furniture, consumables, stationeries, water purifier etc.	Job	1	SWTP-1	360	Bangladesh	50000.001	Fifty Thousand point Zero Zero One	50000.001	Fifty Thousand point Zero Zero One
2	Providing necessary facilities in construction site for maintaining site safety of 30 nos construction worker including safety helmet, safety belt, apron, gumboot, goggles etc.	set	1	SWTP-1	360	Bangladesh	30000.001	Thirty Thousand point Zero Zero One	30000.001	Thirty Thousand point Zero Zero One
3	Supplying and providing of first aid box with necessary materials/medicine (hygienic gown, thermometer, adhesive dressings, antiseptic solutions, bandages, cotton balls or swaps, emergency blanket, gloves, hand sanitizer, ice pack, saline etc.). All complete as per direction of Engineer-in-charge.	Each	2	SWTP-1	360	Bangladesh	20000.001	Twenty Thousand point Zero Zero One	40000.002	Forty Thousand point Zero Zero Two
4	Providing and maintenance one project profile signboards to be placed at a suitable place of the site including submission of proposals for the materials of the signboards and text layout containing 3D picture, safety instructions, project information with security light etc to the Engineer-in-charge for approval which will be positioned as directed by the Engineer-in-charge and removing the same on completion of the works or as instructed by the Engineer-in-charge.	Sqm	2	SWTP-1	360	Bangladesh	15000.001	Fifteen Thousand point Zero Zero One	30000.002	Thirty Thousand point Zero Zero Two
5	"Providing 3 sets as-built drawings subject to Engineer's approval produced in AutoCAD software in 584.5 mm x 413.5 mm (A-2 size) standard drawing paper, and operating and maintenance manual of the equipment and plant	per Tender	1	SWTP-1	360	Bangladesh	10000.001	Ten Thousand point Zero Zero One	10000.001	Ten Thousand point Zero Zero One

	incorporated in the works, if any, in original by the date stated in the particular conditions of contract (PCC). If the contractor does not supply the as-built drawings and operating & maintenance manuals by the date stated in the particular conditions of contract (PCC), or they do not receive the Engineer-in-charge's approval, the Engineer-in-charge shall withhold the amount stated in the PCC from the payments due to the contractor. The as-built drawings must show the permanent works as actually constructed and reflect the revision of drawings supplied to the contractor during the Contract as well as revisions of drawings supplied to the contractor during the contract. (One set of as-built drawings shall be considered for measurement and payment)"									
6	Providing coloured progress picture & video of works, CCTV monitoring system operation and related data processing, regular data updating & all other relevant works regarding online monitoring system etc.	Per Month	2	SWTP-1	360	Bangladesh	10000.001	Ten Thousand point Zero Zero One	20000.002	Twenty Thousand point Zero Zero Two
7	Preparation & submission of work programme / schedule to the Engineer-in-charge for approval prior ground breaking showing the events (works) and successive sub-events of works including all the management & control parameters like Earliest Start Time (EST), Earliest Finish Time (EFT), float events on critical path, resource allocation etc. with description of general method of works, in orderly manner all in the form of network diagram prepared in computer software like MS project/ Primavera and presenting in displayable hard and soft copy minimum 3 (three) sets. (This is a time related item. Proportionate payment for this item shall be made distributing in each bill on the basis of percentage progress of the whole works under contract)	Per Tender	1	SWTP-1	360	Bangladesh	20000.001	Twenty Thousand point Zero Zero One	20000.001	Twenty Thousand point Zero Zero One

M/S Shajeda & Co

Price and Delivery Schedule for Related Services (Form e-PG3-3B)

Note 1: Delivery period starts from the date of contract signing.

Item No. (1)	Description of Item (2)	Measurement Unit (3)	Quantity (4)	Point of Completion (5)	Completion Period (in days) (6)	Country of Origin (7)	Unit Price in Figure (BDT) (8)	Unit Price in Words (BDT) (9)	Total Price in Figure (BDT) (10)	Total Price in Words (BDT) (11)
1	Engineer's site office of minimum 15 sqm plinth area with providing necessary facilities including office furniture, consumables, stationeries, water purifier etc.	Job	1	SWTP-1	360	Bangladesh	50000.001	Fifty Thousand point Zero Zero One	50000.001	Fifty Thousand point Zero Zero One
2	Providing necessary facilities in construction site for maintaining site safety of 30 nos construction worker including safety helmet, safety belt, apron, gumboot, goggles etc.	set	1	SWTP-1	360	Bangladesh	30000.001	Thirty Thousand point Zero Zero One	30000.001	Thirty Thousand point Zero Zero One
3	Supplying and providing of first aid box with necessary materials/medicine (hygienic gown, thermometer, adhesive dressings, antiseptic solutions, bandages, cotton balls or swaps, emergency blanket, gloves, hand sanitizer, ice pack, saline etc.). All complete as per direction of Engineer-in-charge.	Each	2	SWTP-1	360	Bangladesh	20000.001	Twenty Thousand point Zero Zero One	40000.002	Forty Thousand point Zero Zero Two
4	Providing and maintenance one project profile signboards to be placed at a suitable place of the site including submission of proposals for the materials of the signboards and text layout containing 3D picture, safety instructions, project information with security light etc to the Engineer-in-charge for approval which will be positioned as directed by the Engineer-in-charge and removing the same on completion of the works or as instructed by the Engineer-in-charge.	Sqm	2	SWTP-1	360	Bangladesh	15000.001	Fifteen Thousand point Zero Zero One	30000.002	Thirty Thousand point Zero Zero Two
5	"Providing 3 sets as-built drawings subject to Engineer's approval produced in AutoCAD software in 584.5 mm x 413.5 mm (A-2 size) standard drawing paper, and operating and maintenance manual of the equipment and plant	per Tender	1	SWTP-1	360	Bangladesh	10000.001	Ten Thousand point Zero Zero One	10000.001	Ten Thousand point Zero Zero One

	incorporated in the works, if any, in original by the date stated in the particular conditions of contract (PCC). If the contractor does not supply the as-built drawings and operating & maintenance manuals by the date stated in the particular conditions of contract (PCC), or they do not receive the Engineer-in-charge's approval, the Engineer-in-charge shall withhold the amount stated in the PCC from the payments due to the contractor. The as-built drawings must show the permanent works as actually constructed and reflect the revision of drawings supplied to the contractor during the Contract as well as revisions of drawings supplied to the contractor during the contract. (One set of as-built drawings shall be considered for measurement and payment)"									
6	Providing coloured progress picture & video of works, CCTV monitoring system operation and related data processing, regular data updating & all other relevent works regarding online monitoring system etc.	Per Month	2	SWTP-1	360	Bangladesh	10000.001	Ten Thousand point Zero Zero One	20000.002	Twenty Thousand point Zero Zero Two
7	Preparation & submission of work programme / schedule to the Engineer-in-charge for approval prior ground breaking showing the events (works) and successive sub-events of works including all the management & control parameters like Earliest Start Time (EST), Earliest Finish Time (EFT), float events on critical path, resource allocation etc. with description of general method of works, in orderly manner all in the form of network diagram prepared in computer software like MS project/ Primavera and presenting in displayable hard and soft copy minimum 3 (three) sets. (This is a time related item. Proportionate payment for this item shall be made distributing in each bill on the basis of percentage progress of	Per Tender	1	SWTP-1	360	Bangladesh	20000.001	Twenty Thousand point Zero Zero One	20000.001	Twenty Thousand point Zero Zero One

8	Mobilization and cleaning before commencing actual physical work and during contract period Demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also cover cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	Sqm	70	SWTP-1	360	Bangladesh	900.001	Nine Hundred point Zero Zero One	63000.070	Sixty-Three Thousand point Zero Seven
9	Providing expertised architect having minimum qualification Bachelor of Architecture and relevant experience(s) more than 5 years with registration in respective professional body for detail documentation of architectural themes, drawings, working out shop drawings, communication with theme architect & getting approval, specifying architectural needs according to approved master architectural themes & plan, certifying as built drawing for the approval etc. and any relevant jobs assigned by the HOPE or his official at site (max man month not greater than 1/4 of initial contract duration or contract completion time whichever is less & payment for the item subject to submission of CV & approved by HOPE or his authorized officer).	Per Month	2	SWTP-1	360	Bangladesh	50000.001	Fifty Thousand point Zero Zero One	100000.002	One Lakh point Zero Zero Two
10	Providing expertised engineer having minimum qualification B.Sc. in Civil Engineering and relevant experience(s) more than 10 years with registration in respective professional body for project documentation, progress study & adjustment, preparation of project material schedule and	Per Month	2	SWTP-1	360	Bangladesh	70000.001	Seventy Thousand point Zero Zero One	140000.002	One Lakh Forty Thousand point Zero Zero Two

	testing schdule for approval etc. & jobs assigned by the HOPE or his official, at site (max man month not greater than 1/4 of initial contract duration or contract completion time whichever is less & payment for the item subject to submission of CV & approved by HOPE or his authorized officer).									
11	"Layout and marking for earthwork in excavation in foundation accepted by the Engineer-in-charge. [Plinth area of the structure shall be considered for measurement]"	Sqm	70	SWTP-1	360	Bangladesh	600.001	Six Hundred point Zero Zero One	42000.070	Forty-Two Thousand point Zero Seven
12	"Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead"	Cum	280	SWTP-1	360	Bangladesh	1200.001	One Thousand Two Hundred point Zero Zero One	336000.280	Three Lakh Thirty-Six Thousand point Two Eight
13	Added rate for each additional 0.5 meter depth exceeding 1.5 meter.	Cum	220	SWTP-1	360	Bangladesh	1300.001	One Thousand Three Hundred point Zero Zero One	286000.220	Two Lakh Eighty-Six Thousand point Two Two
14	Shore protection work during excavation in foundation trenches beyond 1.5 m depth to protect loss due to damage of property by palisading accepted by the Engineer-in-charge, [The rate is including the cost of vertical post]	Sqm	50	SWTP-1	360	Bangladesh	1500.001	One Thousand Five Hundred point Zero Zero One	75000.050	Seventy-Five Thousand point Zero Five
15	Sand filling in foundation trenches and plinth with sand having min. F.M. 2.2 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	Cum	131	SWTP-1	360	Bangladesh	500.001	Five Hundred point Zero Zero One	65500.131	Sixty-Five Thousand Five Hundred point One Three One
16	50 mm down graded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in (2:1) (khoa: sand) proportion to achieve minimum dry density of 95% with optimum moisture content	Cum	135	SWTP-1	360	Bangladesh	600.001	Six Hundred point Zero Zero One	81000.135	Eighty-One Thousand point One Three Five

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screening chips, laying and spreading in 150 mm layers uniformly and compacting etc. all complete and accepted by the Engineer-in-charge.										
17	"Reinforced cement concrete works from batch mix/machine mix with minimum cement content relates to approved mix ratio having minimum f _{cr} = 60 MPa, satisfying a specified compressive strength f _c = 50 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down wellgraded stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), High-range water reducing chemical admixture Type-G under ASTM C494 (Doses to be applied as per Manufacturer's Guideline), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; using machine batched and machine mixed concrete using cement content (minimum 500 kg/ cum) and micro silica (minimum 25 kg/ cum) as per approved design mix, including pumping of concrete using line pump or boom placer to site of laying, maintaining allowable slump of 100mm to 150mm, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering). (Foundation to 4th floor) Note: The mix design shall be done from PWD testing laboratory or other	Cum	24	SWTP-1	360	Bangladesh	2200.001	Two Thousand Two Hundred point Zero Zero One	52800.024	Fifty-Two Thousand Eight Hundred point Zero Two Four

	recognized laboratories and be consulted with concerned design office."									
18	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: Individual and combined footing	Sqm	380	SWTP-1	360	Bangladesh	4000.001	Four Thousand point Zero Zero One	1520000.380	Fifteen Lakh Twenty Thousand point Three Eight
19	Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 480 MPa and whatever is the actual yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17% and 8% respectively : up to ground floor.	Kg	1450	SWTP-1	360	Bangladesh	160.001	One Hundred and Sixty point Zero Zero One	232001.450	Two Lakh Thirty-Two Thousand AND One point Four Five
20	Supply of hot-rolled I-shape sections for columns, beams, rafters, bracings etc. (up to level-4) conforming to ASTM A36, with a minimum yield strength of 250 MPa, including the cost of testing of plates, application of red/grey-oxide primer etc.	Kg	5300	SWTP-1	360	Bangladesh	220.001	Two Hundred and Twenty point Zero Zero One	1166005.300	Eleven Lakh Sixty-Six Thousand AND Five point Three
21	Installation, Erection, Fitting & Fixing of proposed (Extended) Structure for the Electrical Chain Hoist (ECH) (As per Design)	Kg	5300	SWTP-1	360	Bangladesh	110.001	One Hundred and Ten point Zero Zero One	583005.300	Five Lakh Eighty-Three Thousand AND Five point Three
22	Supply, Fitting & Fixing of Roofing with necessary Truss with CGI Industrial (Fancy) Colored Sheet for the ECH Loading Station (Extended) by the MS Steel angle, Box, Gussets, Revits, Nuts & Bolts etc.	Sft	603	SWTP-1	360	Bangladesh	1000.001	One Thousand point Zero Zero One	603000.603	Six Lakh Three Thousand point Six Zero Three
23	Decorative Fancy Sheet for Front side of the Structure under roof as per design	Unit	1	SWTP-1	360	Bangladesh	50000.001	Fifty Thousand point Zero Zero One	50000.001	Fifty Thousand point Zero Zero One

24	Electrical Work with Controll Panel, Cables, wires MCCB, MCB, Switch & Sockets etc. as per design	Unit	1	SWTP-1	360	Bangladesh	300000.001	Three Lakh point Zero Zero One	300000.001	Three Lakh point Zero Zero One
25	Repairing of Station Access Road if any (As required)	LS	1	SWTP-1	360	Bangladesh	65000.001	Sixty-Five Thousand point Zero Zero One	65000.001	Sixty-Five Thousand point Zero Zero One
26	Grounding & Earthing ECH Yard area. (As per Design)	No	1	SWTP-1	360	Bangladesh	100000.001	One Lakh point Zero Zero One	100000.001	One Lakh point Zero Zero One
27	Electrical Equipments Installation, Testing & Comissioning (As per Design)	Site	1	SWTP-1	360	Bangladesh	80000.001	Eighty Thousand point Zero Zero One	80000.001	Eighty Thousand point Zero Zero One
28	Manual Chain Hoist 5 Ton Capacity Imported (Europe or Equivalent) & as per EIC.	Set	1	SWTP-1	360	Bangladesh	500000.001	Five Lakh point Zero Zero One	500000.001	Five Lakh point Zero Zero One
29	Installtion, Erection, Fitting & Fixing of Electrical & Manual Chain Hoist (ECH) (As per Design)	sets	2	SWTP-1	360	Bangladesh	100000.001	One Lakh point Zero Zero One	200000.002	Two Lakh point Zero Zero Two
30	Indoor & Outdoor Cable Run: HDG, Accessories, Nut & Bolts, Tee, U-Channel Perfired or Rack / Tray etc. (If Req)	Kg	130	SWTP-1	360	Bangladesh	150.001	One Hundred and Fifty point Zero Zero One	19500.130	Nineteen Thousand Five Hundred point One Three
								Grand Total:	6859814.165	Sixty- Eight Lakh Fifty-Nine Thousand Eight Hundred and Fourteen point One Six Five

This Price and Delivery Schedule for Related Services (Form e-PG3-3B) is Electronically Signed by Mr. Farazi Md Islam on behalf of M/S Shajeda & Co