

Contract No 289
4/10/2003

0365000/

CONTRACT AGREEMENT FOR WORK

OF

FRONT END COLLECTION AND DISPOSAL OF

MUNICIPAL SOLID WASTE FOR ZONE WEST

(DMC WEST AREA) KARACHI SINDH

PAKISTAN

Rs. 83,66,000 ch. 269 dated 4/10/17



16/10/17



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CONTRACT AGREEMENT


This OPERATION AND SERVICES AGREEMENT (Hereinafter called the "AGREEMENT") is made and entered into this day of ---- October 2017 by and between M/S SINDH SOLID WASTE MANAGEMENT BOARD (SSWMB),(Hereinafter referred to as the "CLIENT" or alternatively "PROCURING AGENCY" which expression shall, where the context permits, include its successors-in-interest and permitted assigns),

AND

M/S HANGZHOU JINJIANG GROUP SANITATION SERVICES COMPANY LIMITED, INCORPORATED IN PAKISTAN AS HANGZHOU JINJIANG GROUP SANITATION SERVICES COMPANY PAKISTAN

DMC West Agreement

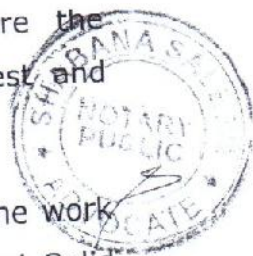
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SSWMB Page 2 of 38



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(PRIVATE) LIMITED [CONSORTIUM OF HANGZHOU JINJIANG GROUP SANITATION SERVICES COMPANY LIMITED (LEAD COMPANY); DALIAN MINGRI ENVIRONMENTAL CO. LTD.; BEWG (CHINA) INVESTMENT CO. LTD.] -(Hereinafter referred to as the **"CONTRACTOR"** which expression shall, where the context permits, include its successors-in-interest, and permitted assigns).



Whereas the procuring agency is desirous that the work of Front End Collection and Disposal of Municipal Solid Waste for WEST Zone (DMC WEST Area), Karachi Sindh Pakistan should be executed by the contractor and has accepted the bid (US\$22,334,747.85 in words Twenty Two Million, Three Hundred Thirty Four Thousand, Seven Hundred Forty Seven Dollars and Eighty Five Cents only) inclusive of Income Tax, Sales Tax and other taxes, if any) per year submitted by the contractor, in response to the International Tender, for supply, execution & completion of such work as are enlisted in Bill of Quantity

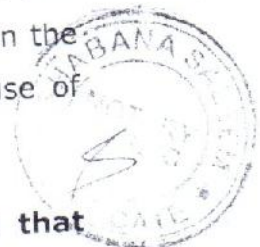
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(B.O.Q.) / Price list of the contract / tender document and as per proposed plan of the procuring agency, scope of work, assignment as stated in contract document in accordance with technical specification, term of reference & condition of contract, and remedying of any negligence, deficiency and defects in performance and service delivery within stipulated time as specified in the contract or shall be penalized as per penalty clause of the contract.

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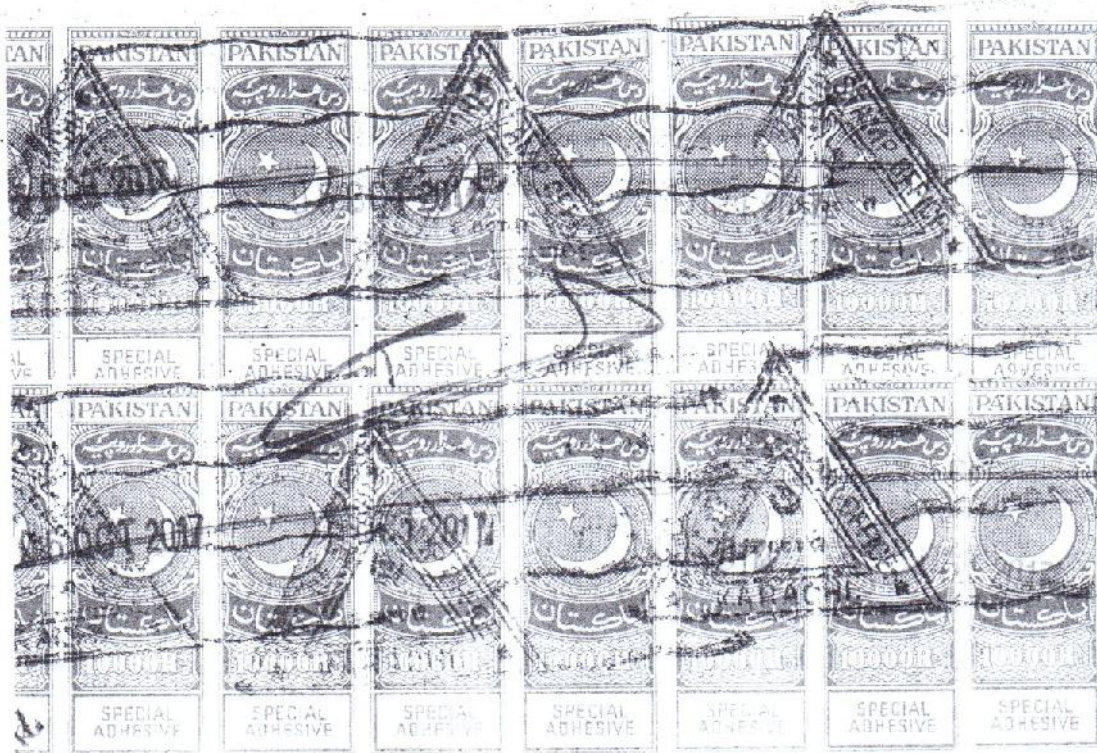
For the sake of clarity, it is explicitly stated that this is an ITEM RATE CONTRACT and the amount mentioned above is just an approximate cost calculated on the basis of 100% of all items for one year, but payment to the contractor shall be made on the basis of actual supply, work done or service provided as per actual measurement and NOT on lump sum quoted price.



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NOW, THEREFORE, based upon the principles of mutual benefit, contents of Request for Proposals (RFP) read with Addendum, if any, and through negotiations, both parties agree as follows:

Now, this agreement witnesseth as follows:

1. In this agreement words expressions, definitions, interpretations and abbreviations shall have the same meanings as are respectively assigned to them in the Request for Proposals (RFP) and addendum thereto herein after referred to as Annexures "A" & "B" respectively.
2. The following documents and addendum to it, except those parts and clauses relating to instructions to bidder, shall be deemed to from and be read and construed as part of this

DMC West Agreement

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Contract and shall be deemed to be binding on the parties unless otherwise specifically excluded or amended through an addendum:

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- i. The Contract Agreement;
- ii. The letter of Acceptance dated 18.08.2017;
- iii. The completed form of Bid, dated 08.03.2017;
- iv. Completed and duly filled price list / B.O.Q.;
- v. The completed appendices to the bid dated 08.03.2017 (appendix A to G) including but not limited to;
- vi. Special Stipulations (Appendix-A to Bid);
- vii. Completed and duly filled price list / Bill of Quantities (BOQ) and detailed calculation and rate analysis (Appendix-D& D-1 to Bid);
- viii. Additional Terms and Conditions of the Contract Agreement;
- ix. The Drawings / Maps of the Area;



DMC West Agreement

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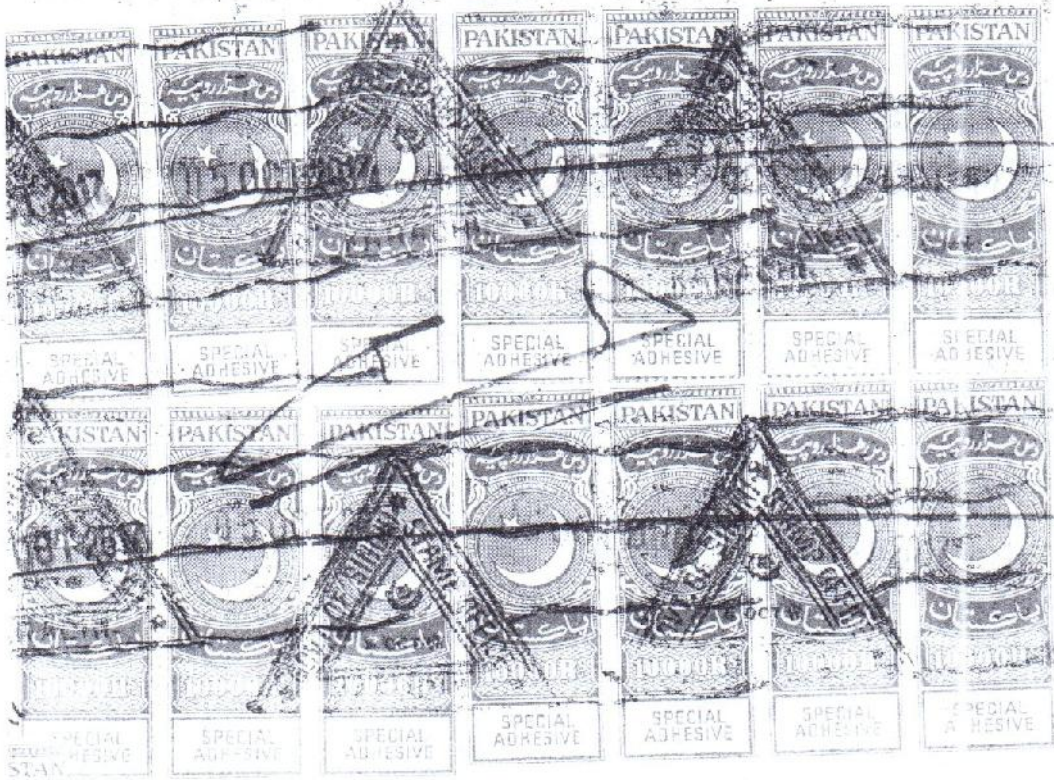


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x. All sections of Request for Proposal (RFP) in relation to the Bid Reference No. SSWMB-NIT 4.1 of 2016-17(hereinafter referred to as the "RFP") and all clauses contained therein, except those parts and clauses relating to instructions to the bidder. It is clarified that all sections of Addendum to the RFP are integral parts of this Agreement and shall be binding upon Procuring Agency and the Contractor;

In considerations of payment to be made by the procuring agency to the contractor in accordance to covenants with the procuring agency to execute and complete the works and remedy deficiencies (as defined in the Scope of Work) short comings and defects, and ensure conformity of the works in all respects with provisions of the contract, the Procuring agency hereby covenants to pay the contractors, in consideration of the execution and

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completion of works as per provisions of the contract the itemized contract price on the basis of item-rate of price list/BOQ and such other sum as may become payable under provision of the contract at the time and in the manner prescribed by the contract;

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4. Additional terms & conditions / clarifications:

i. Type of agreement and contract provision:

For the sake of clarity breakdown of rates quoted by the Contractor and accepted by the Procuring Agency are reproduced below:

a. Total Bid of Contractor:
US\$22,334,747.85 in words Twenty Two Million, Three Hundred Thirty Four

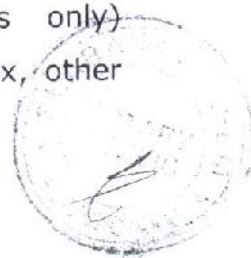
DMC West Agreement

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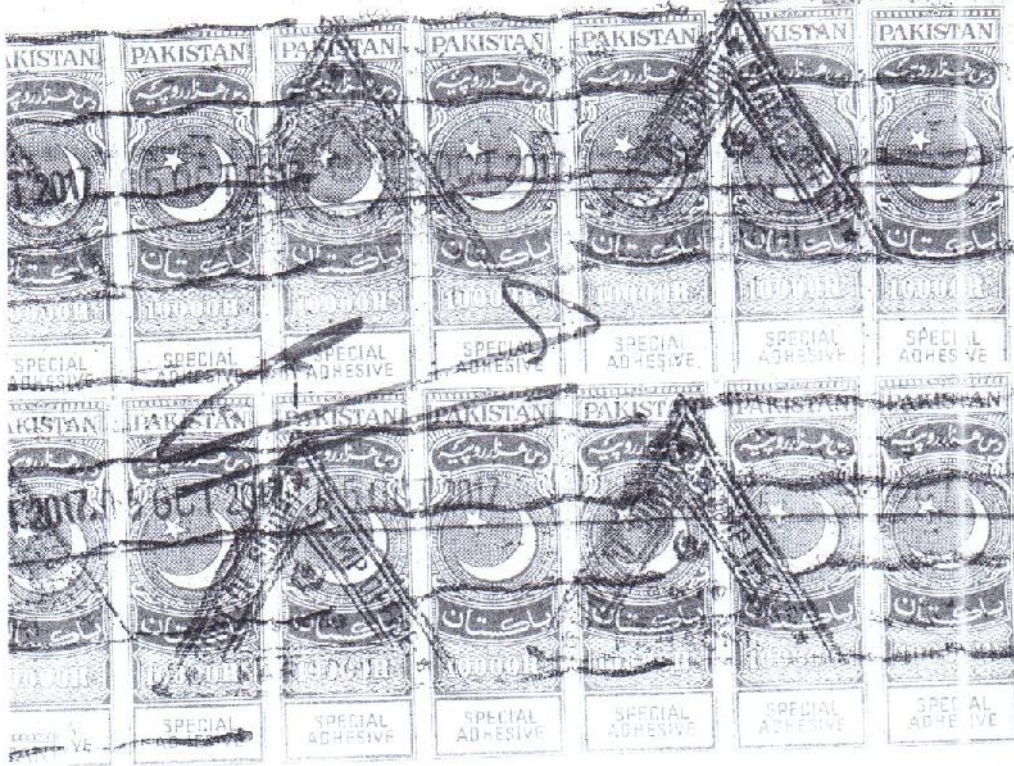
Thousand, Seven Hundred Forty Seven Dollars and Eighty Five Cents only) inclusive of Income Tax, Sales Tax, other taxes and discounts, if any;

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- b. It is further clarified and reiterated that this agreement is a unit price contract, the sum of amounts is calculated by multiplying quantity of each supply / work item as indicated in the price list and unit price quoted by the contractor for that supply / work / services items. The payments of each supply / work/services performed by the contractor shall be based on the unit price quoted by the contractor and NOT on lump sum basis;

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c. Both parties agree that the 'Item wise approved rates' (Appendix 'D' & 'D-1') are integral part of the agreement. Payment to the Contractor shall be made on the basis of these item-wise rates.

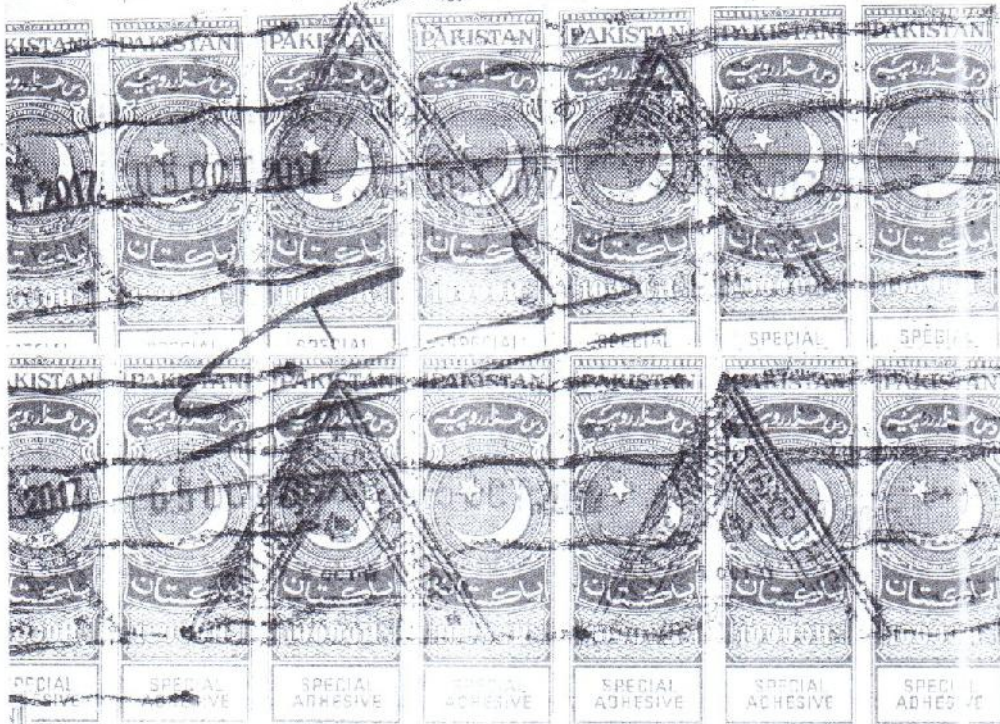
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ii. Elements of Price adjustment:

Following specified elements are subjected to price adjustment in the manner prescribed in the contract document:

- a. Fuel (Diesel for Vehicles collecting/ transporting MSW)
- b. Labour (Unskilled)





iii. Quantities are estimated:

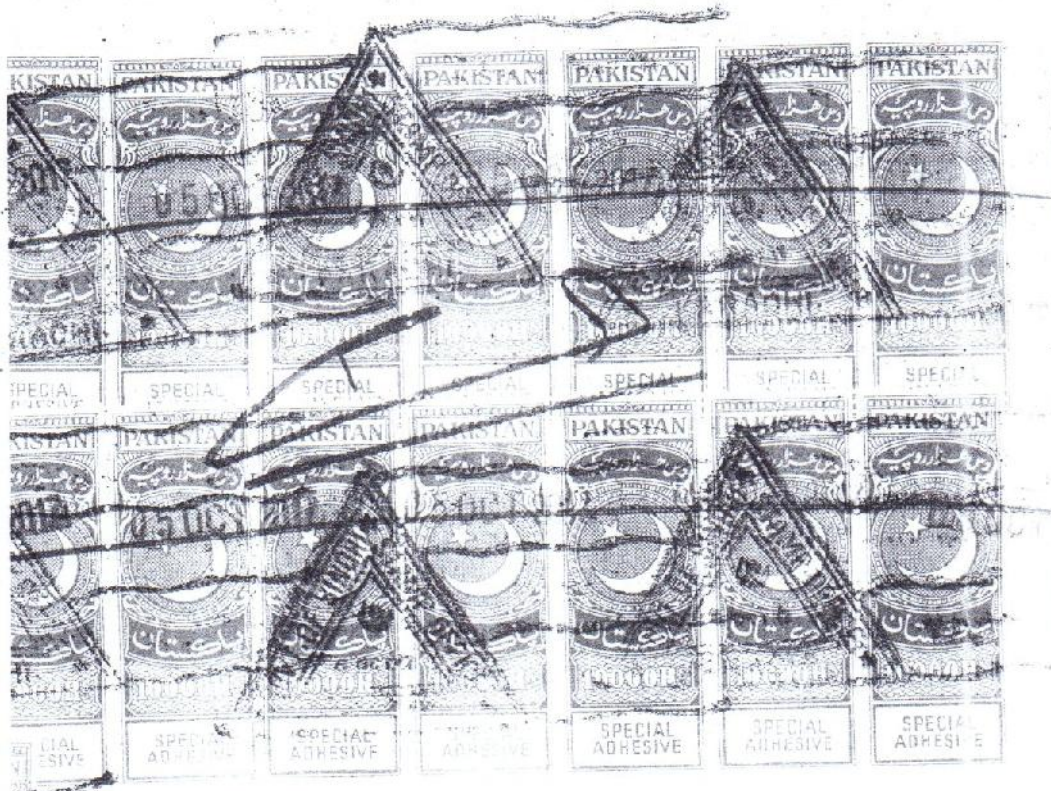
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The quantities of items mentioned in BOQ/price list are estimated. Payment shall be made to the contractor as per actual supply of items (e.g. dustbins), work carried out or service provided and calculated on the basis of unit / item price;

iv. Additional distance / Transport of MSW directly to LFS:



The Contractor is responsible for transport of MSW from all areas of DMC (WEST) to one or more than one Garbage Transfer Stations which shall be designated and communicated by the Procuring Agency to the Contractor within 45 days of signing of the agreement / issue of work order. However the Procuring Agency reserves the right to require



the Contractor to transport the MSW directly to a landfill site instead of any GTS, in case it considers this option more feasible for whatever reason or owing to lack of a GTS in the catchment area. Only in exceptional circumstances, when the landfill site is situated at a place which is un-reasonably further in distance than the primary collection area or designated GTSs, the Procuring Agency shall pay the contractor reasonably additional amount to be agreed mutually through negotiations;

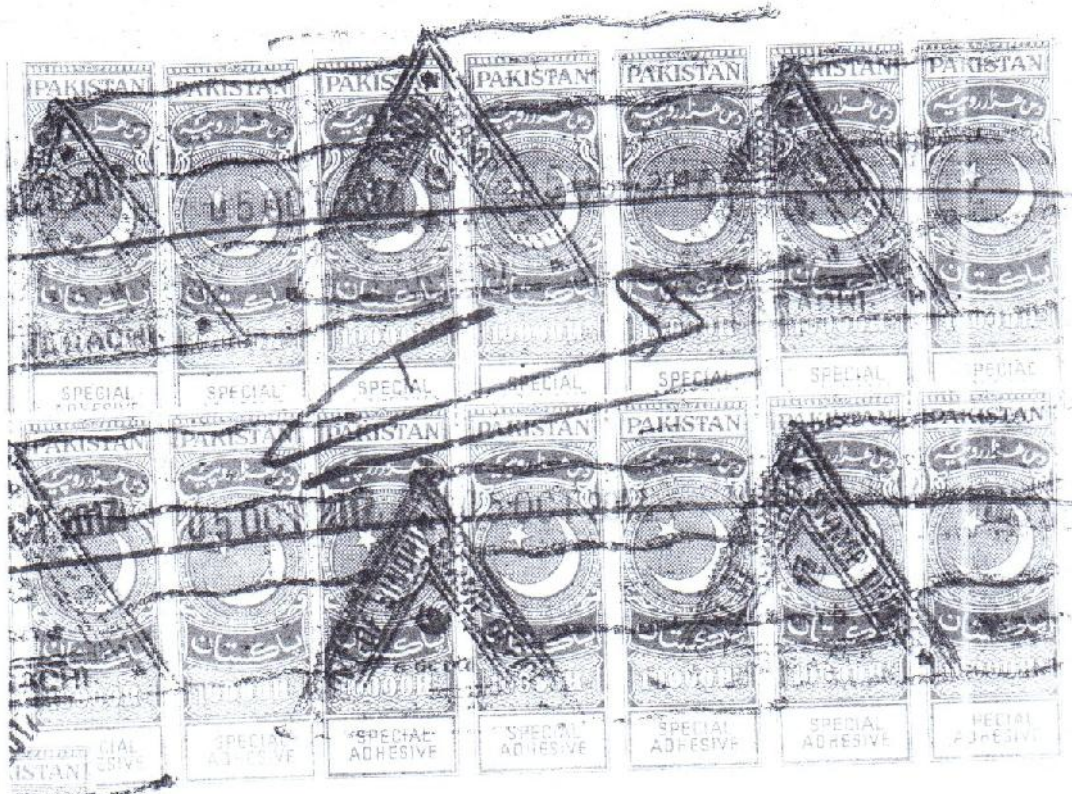
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Contract Period:

Seven (07) Years after issuance of Work Order / signing of the agreement extendable for further Three (03) Years based on mutual written consent of contractor and client and on performance of the contractor and on same terms and conditions of RFP & Addendum, if any;

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the Contractor to transport the MSW directly to a landfill site instead of any GTS, in case it considers this option more feasible for whatever reason or owing to lack of a GTS in the catchment area. Only in exceptional circumstances, when the landfill site is situated at a place which is un-reasonably further in distance than the primary collection area or designated GTSs, the Procuring Agency shall pay the contractor reasonably additional amount to be agreed mutually through negotiations;

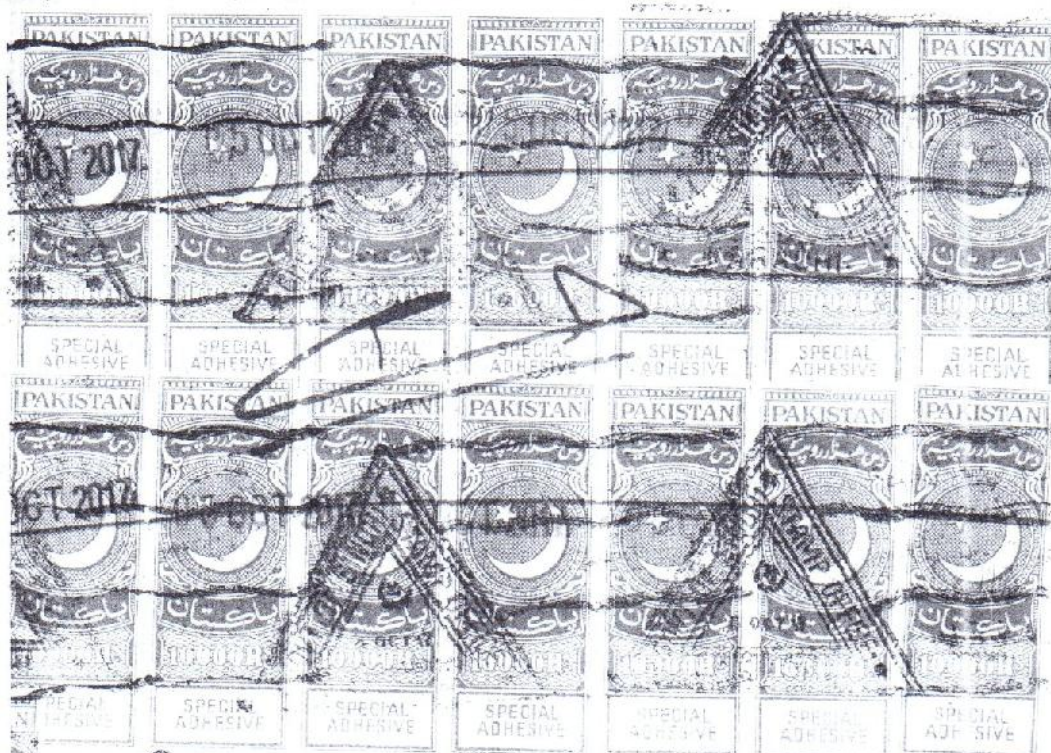
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Contract Period:

Seven (07) Years after issuance of Work Order / signing of the agreement extendable for further Three (03) Years based on mutual written consent of contractor and client and on performance of the contractor and on same terms and conditions of RFP & Addendum, if any;



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ii. Plastic bags;

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Plastic bags will be provided free of cost by contractor/operator to all residential units (for door to door collection only) for the first two weeks only. The size and grade of polythene bag shall be according to the specification given in the RFP. In the case of apartments or multi-storey buildings, the contractor in consultation with the Procuring Agency may opt for alternate strategy to collect the garbage from central point where management of that building deposits their garbage / solid waste;

iii. Litterbins, metal buckets and metal containers:

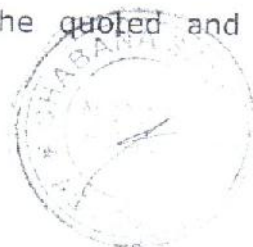
The litterbins, metal buckets and metal containers shall be provided with prior approval of the Procuring Agency for the quality/specifications and numbers. However, keeping in view the area

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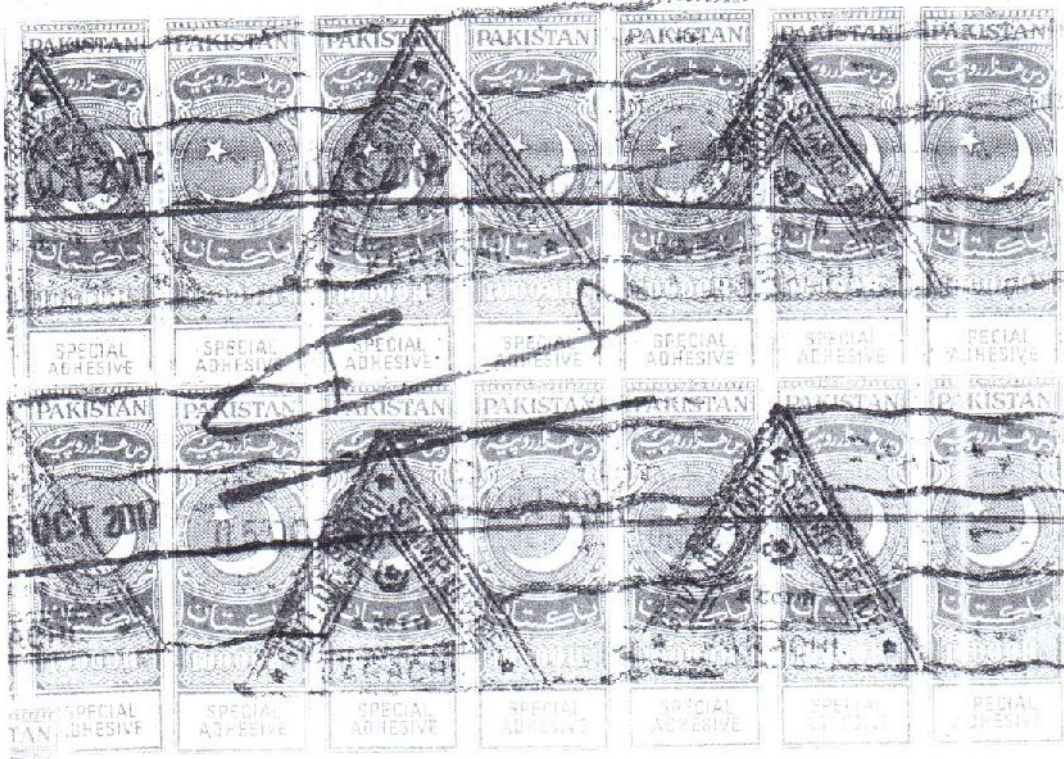
requirement, the size and type of the container may be changed but this shall be done only with mutual agreement, provided further that total capacity of garbage handling shall not be less than the total capacity required under RFP document. The litterbins, buckets and containers shall be replaced, as and when required on the basis of their service life. Bins, buckets and containers if damaged or stolen due to negligence/improper handling shall be replaced by the contractor at its own cost. Anytime during contract period, if required, SSWMB may ask the contractor to provide additional dustbins of the size as per requirement and the contractor shall be bound to supply the same on the quoted and approved rates;



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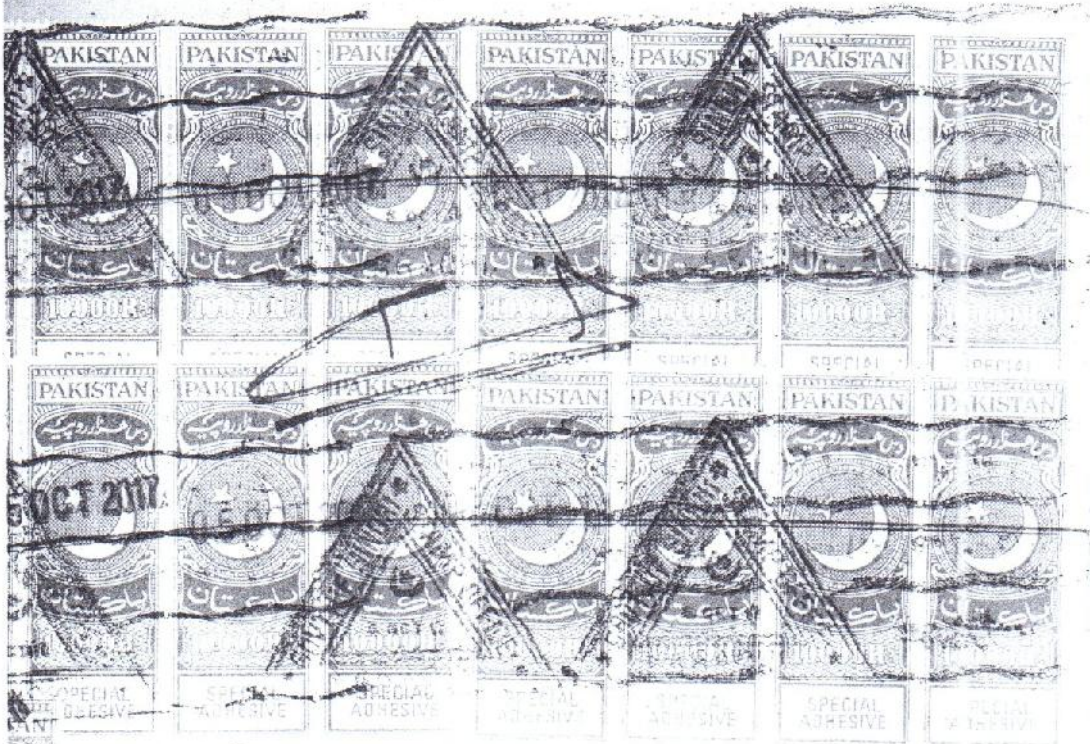
5. Registration with FBR, SRB etc.

The Contractor shall be responsible to get their Firm / Consortium / Company registered with all the agencies as required under the law of Islamic Republic of Pakistan at the earliest possible but not later than 60 days of signing of this agreement. This shall include, but not limited to, Security & Exchange Commission of Pakistan (SECP), Federal Board of Revenue (FBR), Sindh Revenue Board (SRB) etc.



The Contractor shall provide detailed specification of different types of Garbage lifting vehicles / Compactors, Bucket Loaders, open trucks, tractors, trolleys, Chingchi / Rikshaw, Motor cycles with back containers for garbage collection from narrow lanes or door to door, Mechanical Washers and Road Washing Machines as well as size and number of

DMC West Agreement
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Dustbins / Containers to the Procuring Agency and get approval before supply;

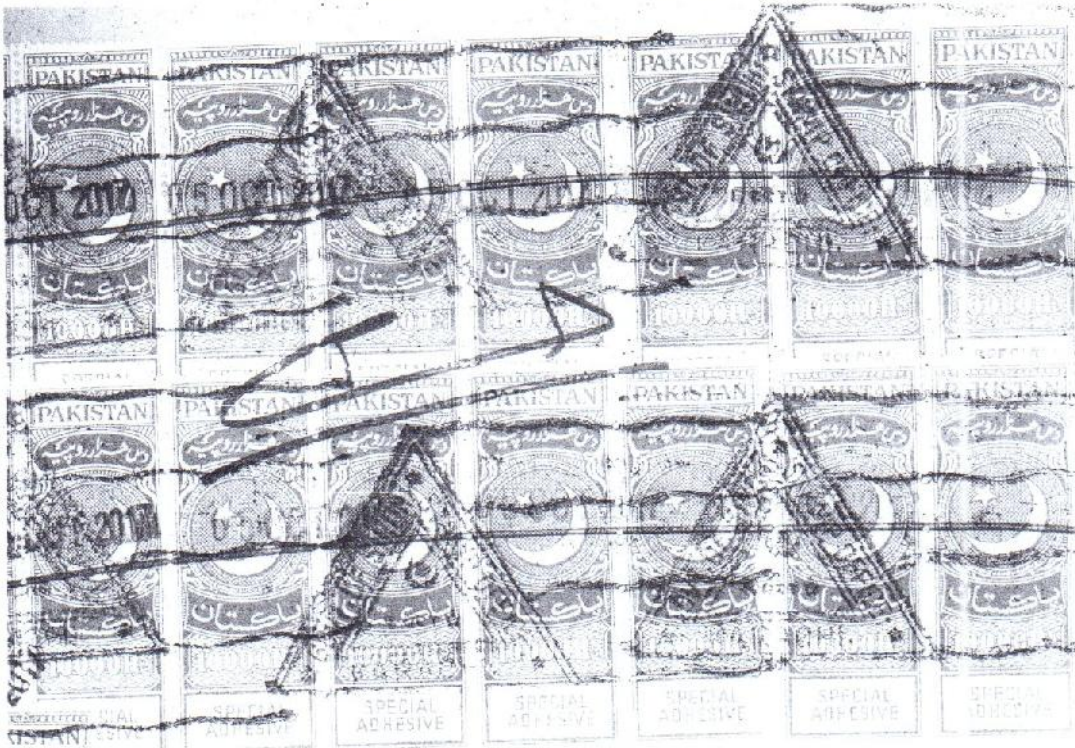
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i. The Contractor shall be responsible for regularly carrying out repair, maintenance, washing and colouring of the vehicles, machinery, equipment and containers supplied for execution of the contract;



i. In case of additional need, the Procuring agency may ask the Contractor to supply additional number of dustbins and the Contractor is bound to supply the same on the already approved rates;

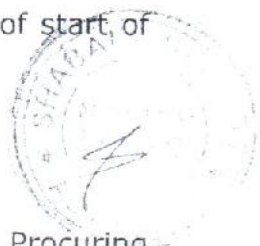
iii. For effective and efficient working, and real time monitoring of the performance / operations, the Contractor shall establish a well equipped



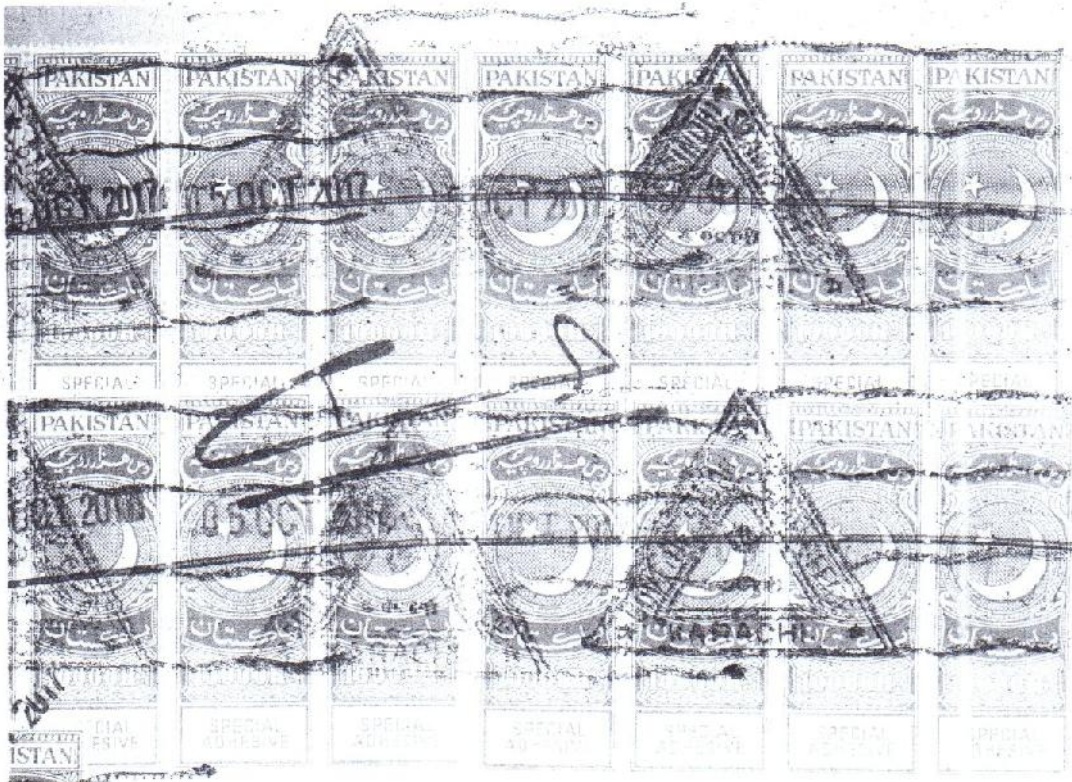
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Command and Control Centre within earliest possible time but not later than 60 days of start of field operation in the area;

v. The Contractor shall also establish a well-equipped **Complaint Management System** within earliest possible time but not later than 60 days of start of field operation in the area;

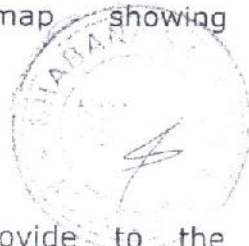


v. The Contractor in collaboration with the Procuring Agency shall prepare and implement Community Awareness Programme within earliest possible time but not later than 60 days of start of field operation in the area. This will be an ongoing activity throughout the contract period;



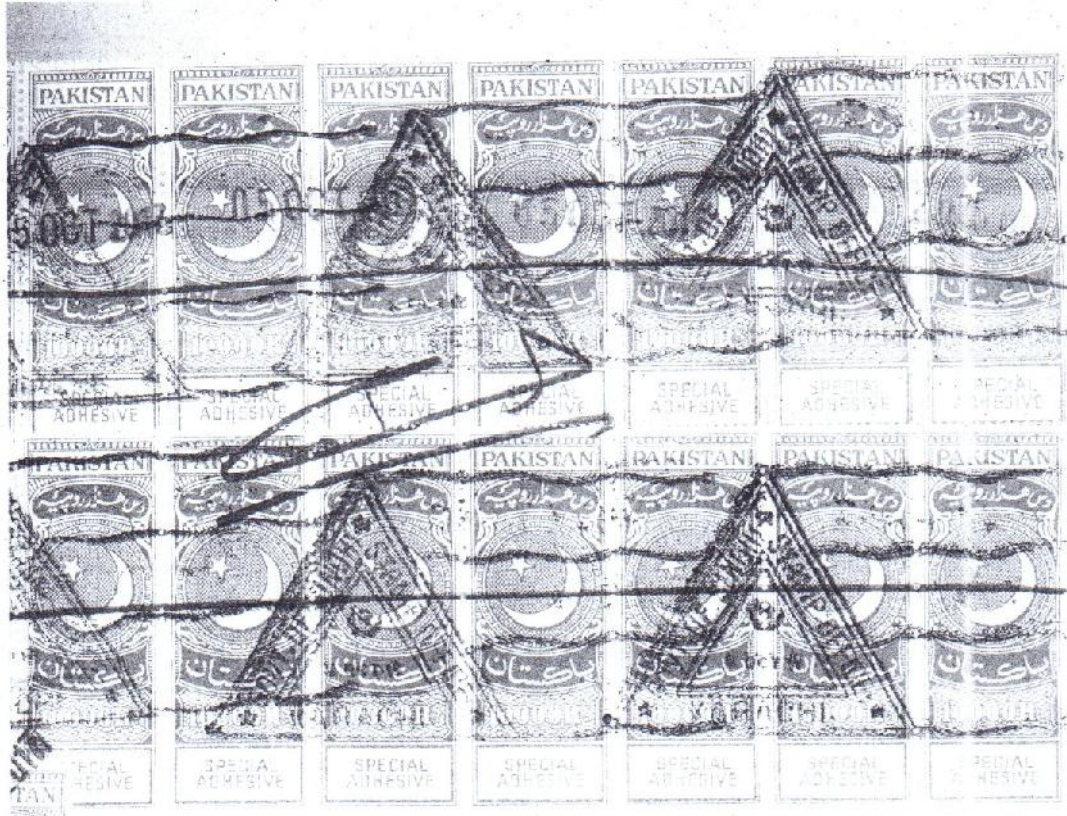
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ii. Within 60 days of signing of this agreement, the Contractor shall carryout UC wise GIS based / digital mapping of whole district showing size, length and breadth of the lanes, streets, roads, open plots etc. The billing of mechanical sweeping, washing of the streets / roads, shall be done on the basis of actual work carried out by the Contractor and supported by digital map showing measurement thereof;

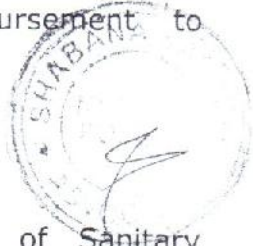


iii. The Procuring Agency shall provide to the Contractor 1000 number of sanitary workers / motor coolies (plus / minus 10%) of DMC (West) whose services are placed at the disposal of SSWMB for execution of this contract. The Procuring Agency shall be responsible for payment of salary (including admissible allowances) to these sanitary workers / motor coolies, while the Contractor shall be responsible for payment of additional incentive

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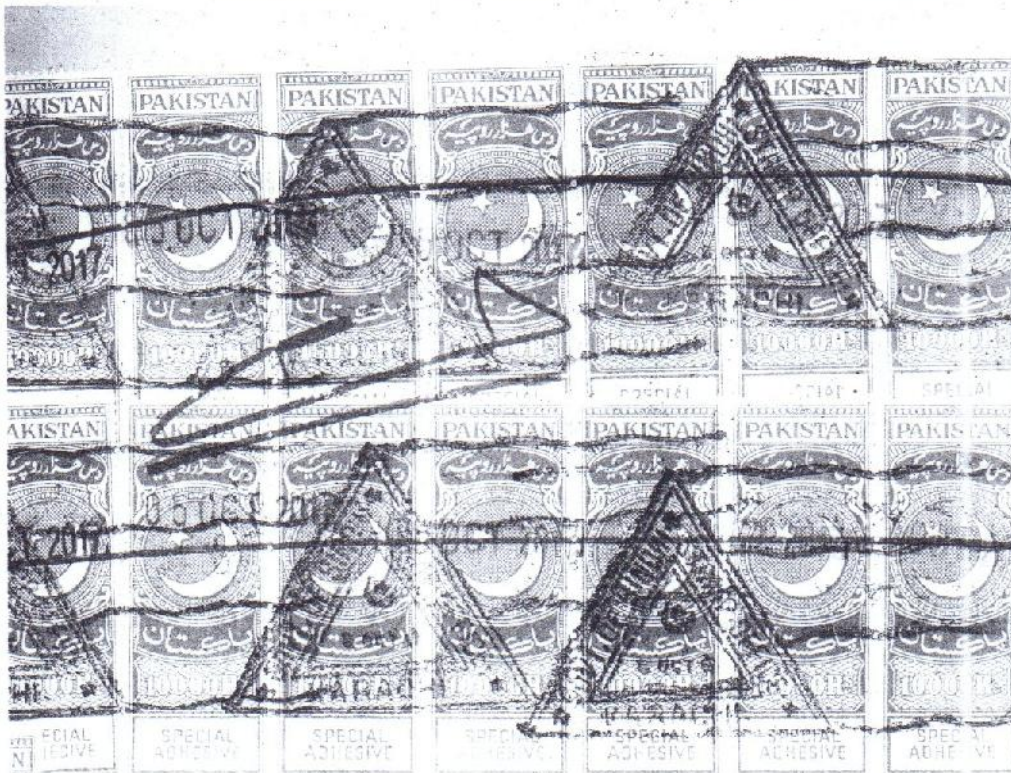
equivalent to 25% of basic pay) to these Sanitary workers / motor coolies. The Contractor shall utilize services of these employees and submit their monthly attendance (preferably Biometric) to the Procuring Agency at a mutually agreed date. The Procuring Agency shall deduct above amount from the bill of the Contractor for disbursement to respective employees;



viii. In addition to 1000 number of Sanitary workers / motor coolies as mentioned in the RFP / Bidding Document, the Contractor shall be responsible for payment of salary (including admissible allowances plus additional incentive equivalent to 25% of basic pay) of all DMC (West) employees whose services are placed at the disposal of SSWMB for execution of this contract. These shall include office staff, Supervisory staff, drivers and support staff. The Contractor shall

DMC West Agreement

Contractor 

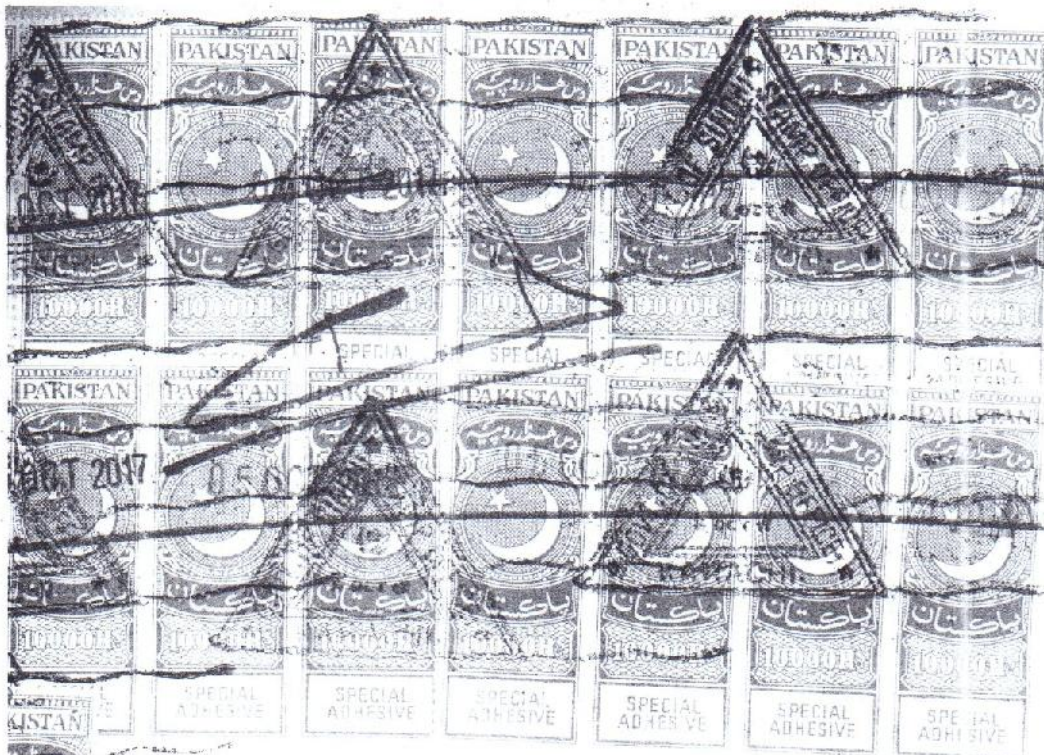


utilize services of these employees and submit their monthly attendance (preferably Biometric) to Procuring Agency at a mutually agreed date and the Procuring Agency shall deduct above amount from the bill of the Contractor for disbursement to respective employees. Procuring Agency shall not withhold salary of any employee simply because of failure of the contractor to provide attendance in time;

x. Based on the field requirement, the Contractor shall employ and deploy additional staff for execution of the contract. This shall include drivers / operators for Chingchi / Rikshaw, sanitation vehicles (compactors, vans etc.), coolies or sanitary workers on as and when required basis;

x. The Contractor in consultation with the Procuring Agency shall devise a Biometric attendance system of employees and submit their monthly attendance





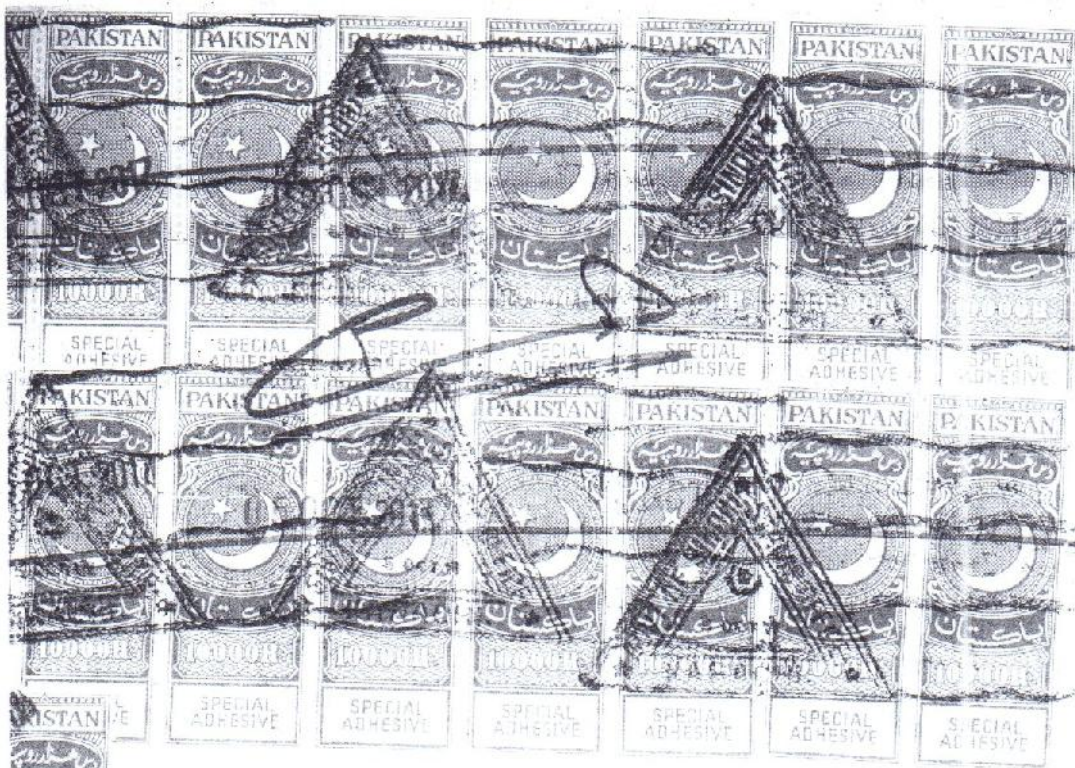
to Procuring Agency at a mutually agreed date. However, the Procuring Agency shall not stop or withheld salary or allowance of any employee simply due to non-submission of attendance or absence report by the Contractor.



- i. The Procuring Agency may hire the services of a Consulting Firm for 3rd Party Monitoring & Evaluation of the scheme. In addition to regular monitoring, evaluation and feedback, this 3rd Party Consulting Firm shall also carryout verification of supplies made, works and services carried out as well as claims / bills submitted by the Contractors. Payment to the Contractor shall be made on verification of their claims / bills by 3rd Party or the departmental Scrutiny and Verification Committee, as the case may be. Any disparity or discrepancy shall be settled through negotiations and discussion between 3rd Party Consultant, Contractor and

DMC West Agreement:

Contractor:



Procuring Agency, provided further that the Contractor shall point out any disparity or discrepancy within 10 days of submission of verified claims / bills by the 3rd Party or the departmental Scrutiny and Verification Committee. If the disparity or discrepancy is not settled, the Contractor shall have the right, within 10 days, to request for Arbitration as per RFP / bidding document;

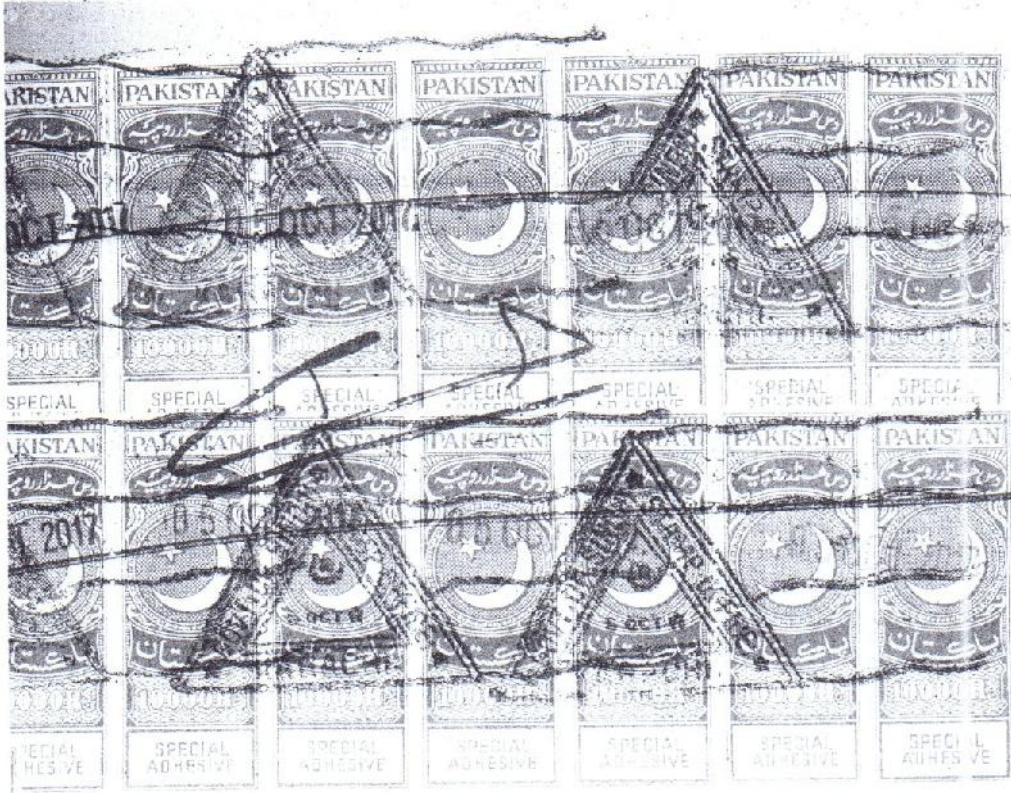
xxii. Transition Period

Transition period for the purpose of implementation of this contract is 03 (three) months starting from date of signing of agreement and work order. The contractor shall be liable to start its activities of the work and services even in the transaction period.

Within the transition period the contractor shall be bound to provide and manage the contract in accordance with the plan proposed in the contract

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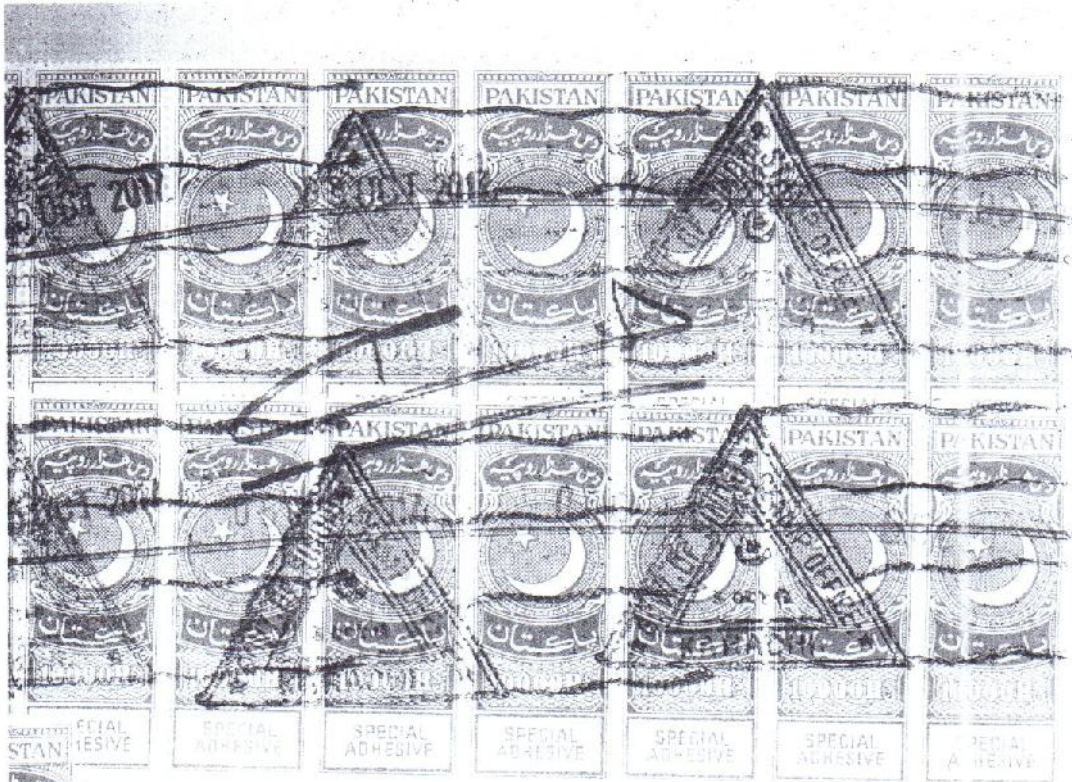
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and assure and shall provide new vehicles as required under contract for Solid Waste collection, transportation, sweeping and washing, arrive on ground and start the work within the period prescribed in the contract document. In addition to new vehicles and machinery, the Contractor may also use vehicles from the existing fleet of DMC on lease, payment or repair and maintenance basis; or hire additional vehicles and machinery from the open market on lease or hire basis in order to clear routine as well as backlog (if any) of garbage / solid waste;

xiii. Compliance of Laws and Rules Regulations:

The contractor shall be bound under this contract agreement to comply with all substantive and procedure laws of Islamic Republic of Pakistan



which may include but are not limited to the followings:

- i. Labour Laws
- ii. Land Laws
- iii. Environmental Laws
- iv. Local Govt. Act, 2013 amended form time to time.
- v. All National and Provincial Rules and Regulation applicable to the nature of services and works under this contract.



Inability of contractor to comply with all laws, rules, regulation and procedures will result in penalization, as per penalty clauses provided in the contract / relevant laws of the land;



All substantive and procedural laws of Islamic Republic of Pakistan including Sindh Public Procurement Rules 2010 amended 2017, whether mentioned or not, shall govern the contract and have overriding effect in case of any conflict;



xxiv. Indemnification by the Contractor:

Contractor shall indemnify, defend and hold harmless the Procuring Agency (SSWMB), its member, officers, directors, employee and representatives from and against any and all claims arising out of or in anyway connected with gross negligence, fraud, or willful misconduct of the contractor or any one acting on contractor's behalf or under his instructions in connection with this contract and contractor's obligations there under.

Any cost or expense incurred by the contractor



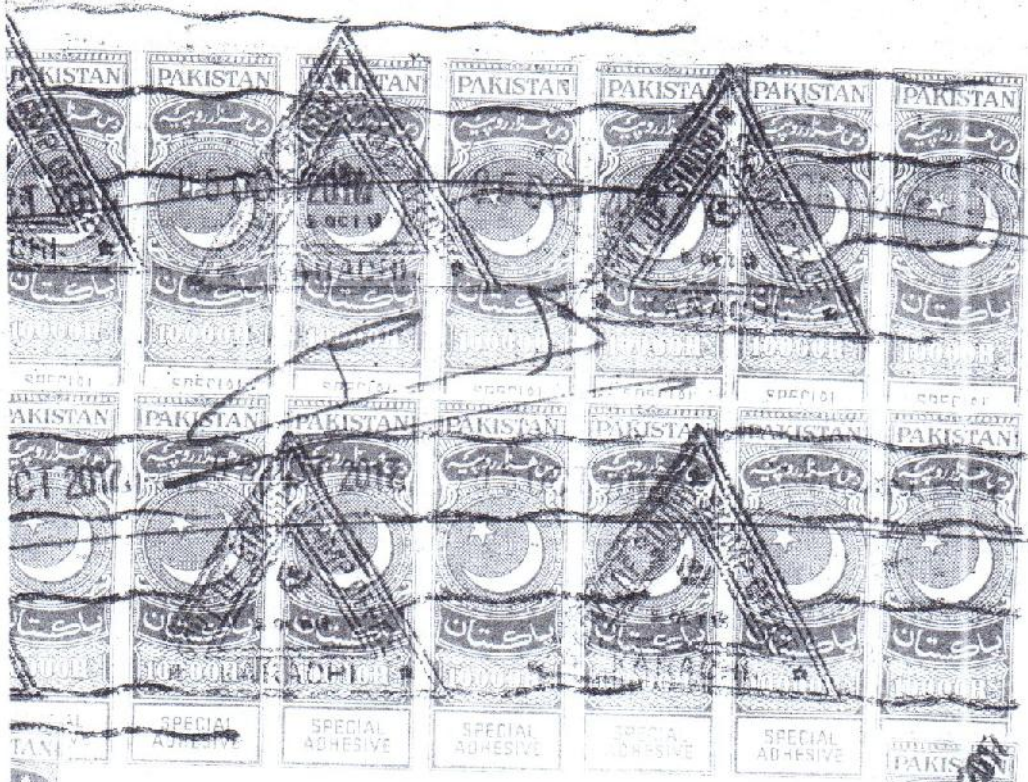
pursuant to its indemnity obligation under this clause shall be the sole responsibility of the contractor.

AND



The contractor shall indemnify the SSWMB, its employees against all losses and claims in respect of:

- a. Death or injury to any person, due to accident;
- b. Loss or damage to any vehicle, plant, property which may arrive out of accident or public riot or in consequences of execution of work and against all claims, proceedings, damages, cost,

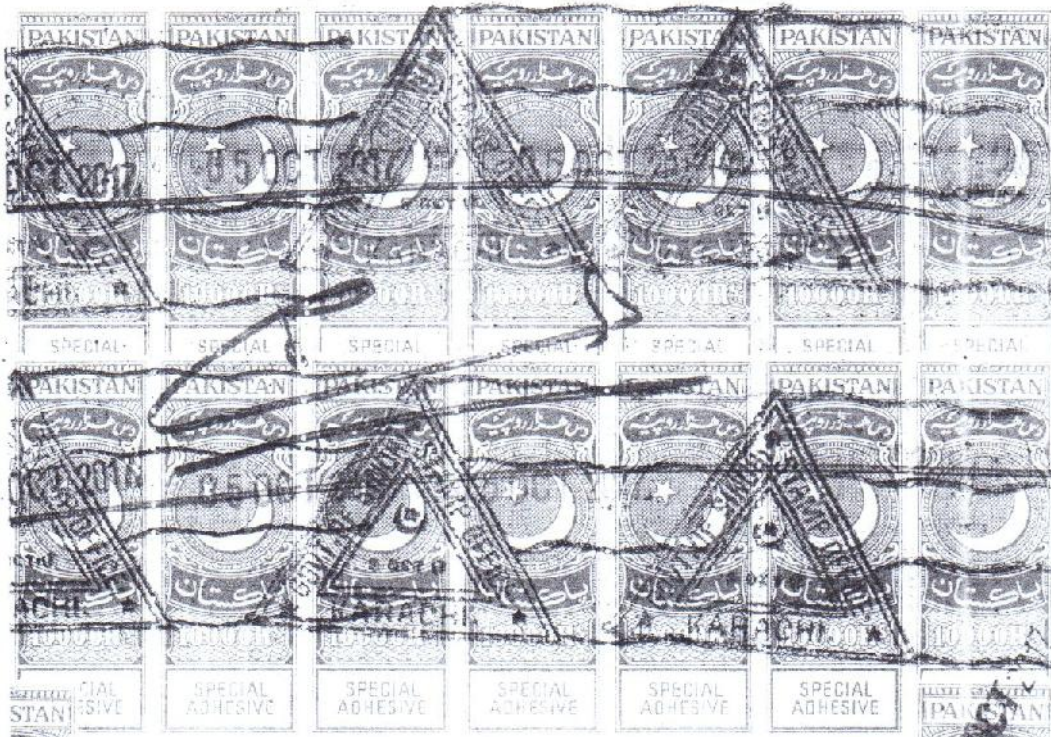


charges and expenses, whatsoever in respect of or in relation thereto, the contractor shall indemnify the client, its officers, employee for any loss claims, demands or lawsuits resulting from defects in contractor's performance during execution of work and services;



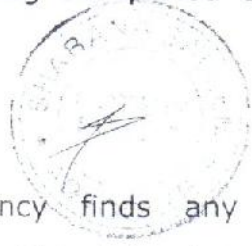
v. Contractor Liability for Indemnification:

The contractor shall be directly responsible for the choice or use of defective or non-compliant tools or machineries, deficiencies of performance in works and services, mistakes in sufficient supervision or any failure to fulfill his obligation in accordance with the provisions of this contract and specification and any other losses and damages that may occur due to similar reasons. The contractor shall indemnify procuring agency from such losses and damages in accordance with pertinent legislation;



vi. Penalties and cancellation of contract:

a. Penalties as prescribed in the contract document shall be imposed if negligence, discrepancies and deficiencies on the part of the contractor to fulfill their obligations on the performance of works and services and the requirements to perform such works and services are found during the period of this contract;



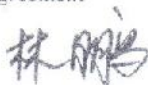
b. If the procuring agency finds any non-conformity/contrary to the job description defined in contract document, the contractor shall be bound, given a chance to bring his work standards to the satisfaction level of the procuring agency and if the non-conformity is not corrected within the time limit granted by the procuring agency, the penalties will be

imposed on the contractor as per time limit mentioned in the RFP;

- c. If non-conformity continuous, despite the penalties the procuring agency may terminate the agreement, and any damages to the procuring agency due to these non-conformities of the contractor shall be recovered from his performance securities;

vii. Work in Emergency:

The contractor in case of emergency may be called upon to provide works and services as per scope of work under this contract and the contractor shall comply with such emergency orders of procuring agency without excuses. Non-compliance of the





contractor shall lead to disqualification and will be dealt accordingly;

It is further clarified that during special events like Eid, Moharram, National Celebrations or at times of any emergency, disaster or natural calamity, the Contractor may be asked to provide additional support, which may or may not be part of scope of the contract, in the shape of vehicles, machinery, equipment or supplies e.g. lime powder, insecticide etc. The Procuring Agency may compensate / reimburse the Contractor on actual cost basis, which will be mutually agreed on submission of invoice / bill by the Contractor;





viii. DMC (WEST) employees shall remain employees of DMC (WEST):

After negotiations both parties agree that whole sanitation staff presently on payroll of DMC (WEST) shall be provided / deputed to work with the contractor. However, these employees shall remain employees of DMC (WEST). Their salary, Provident Fund and pension etc. shall remain the responsibility of DMC (WEST). However, the contractor shall be liable to pay incentive to these workers at the rate of 25% of their running basic pay, as per parameters defined in the RFP document;

ix. Tax:

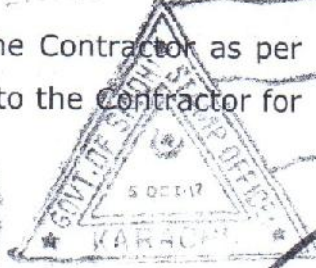
The Contractor shall reflect all taxes separately on any invoice raised to the Procuring Agency. The Procuring Agency shall withhold and pay all

DMC West Agreement

Contractor



applicable taxes on behalf of the Contractor as per law and shall provide evidence to the Contractor for tax deposited;



xxx. Payment to be made on Quoted Base Price basis:

The prices quoted by the Contractor in its bid have been calculated as inclusive of income tax, sales tax and any other taxes levied by the government from time to time at the rates prevailing at that point in time. The payment to the Contractor shall be made on Base Price offered by the Contractor and accepted by the Procuring Agency i.e. the Procuring Agency shall deduct the applicable taxes before making any payment. The Procuring Agency shall be responsible to deposit applicable taxes on behalf of the Contractor and shall provide evidence of the deposits having been made. The Contractor shall



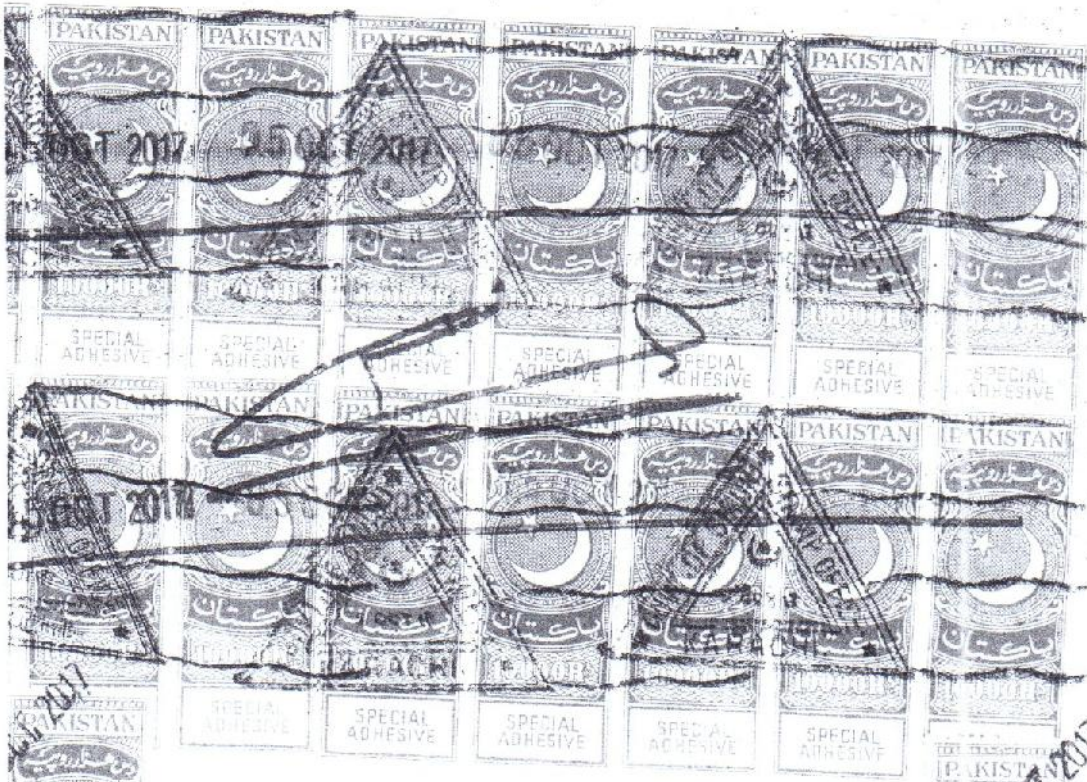
bear the cost of and have the benefit of any variation in the rate of applicable taxes;

i. Duties of Parties:

a. The Contractor shall furnish Performance Security of 1% of the contract amount of US\$22,334,747.85 (or equivalent PKR) per year as per the Letter of Acceptance dated 18.08.2017 in the form of a bank guarantee;

b. The Procuring Agency will deduct Retention Money from contractor's running performance bill at the rate of 5% (Five Percent) of monthly bill amount. The retention money shall be released in the currency in which it is deducted (Pak Rupees) after 12th (Twelve) running bill payments of the contractor for the work successfully executed for last twelve month.





The amount due to the contractor in respect of retention money shall be released (within 60 days after end of twelve months contract period) after deduction of such amount as are required to be recovered on account of default of contractor in performing his functions, if any, under this contract;



xxxii. End of Project:

- a. If this Agreement is determined by way of termination within the contract period of seven years, then the assets belonging to the Contractor may be purchased by the Procuring Agency on the assessed value to be performed by an appraiser approved by

DMC West Agreement

Contractor *[Handwritten Signature]*

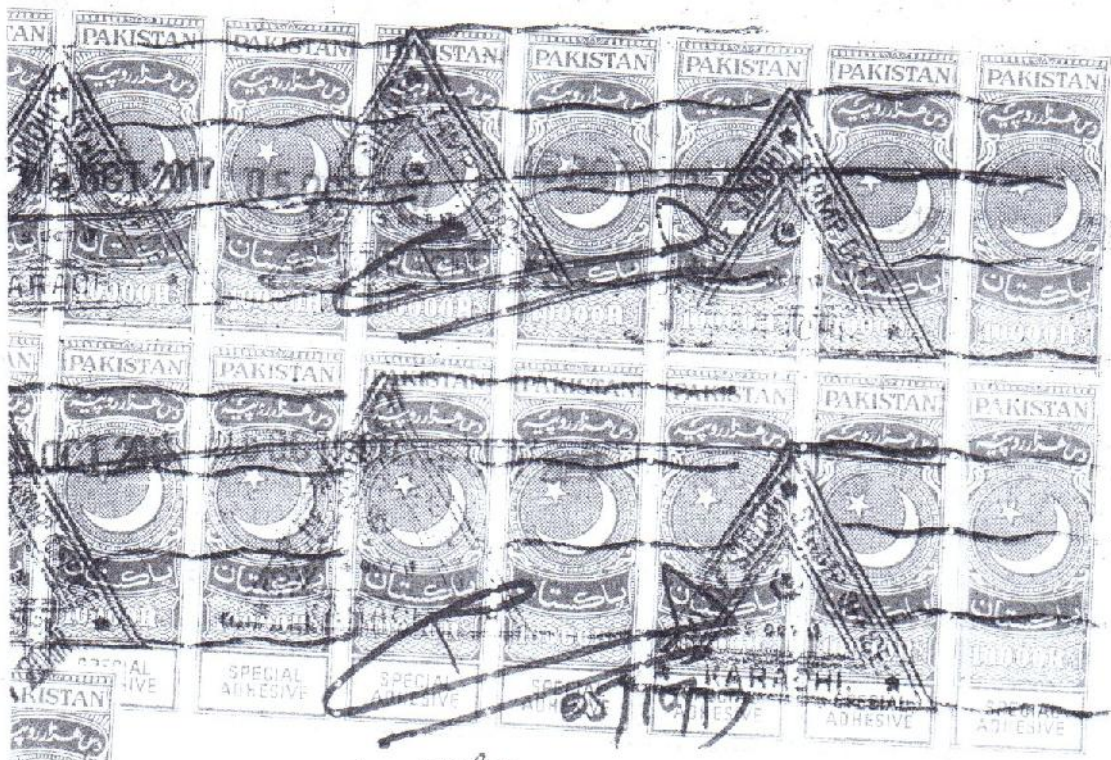


Pakistan Banking Council as mutually agreed upon by both Parties. The Procuring Agency shall pay the Contractor the assessed price of the assets and the Contractor will transfer the assets to the Procuring Agency upon receipt of full and final payment.

- b. Upon the determination of this Agreement, the Procuring Agency shall pay the Contractor within 45 days upon receipt of invoice and make a full and final payment of all dues accruing in favour of the Contractor;

• **xxxiii. General Variance:**

The Parties are cognizant that there may be advancements in the technology utilized in connection with the services to be rendered under



OFFICE SUPERINTENDENT
City Court Office, City Court
Karachi 05 OCT 2017

this Agreement. The Parties are as aware that there may be changes in the working environment during the contract period warranting adjustment of the scope and the manner in which the services are to be rendered in relation to this Agreement. The Parties agree to make reasonable technical adjustments so as to ensure the long-term feasibility of the works/services to be rendered in relation to this Agreement. Such adjustments shall be made with the mutual consent of the Parties with a view to ensure that the quality of the works/services rendered is at or above the specifications laid down in the Supporting Documentation.


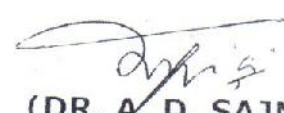


DMC West Agreement

Contractor 



In the witness whereof the parties hereto have caused this agreement to be executed on the ____ day of Month October and Year 2017 first before written in accordance with their respective laws.

 (LIN PENG) Chief Executive Officer Jinjiang Group Sanitation Services Company Pakistan (Private) Limited Passport No.: E93846583	 (DR. A. D. SAJNANI) Managing Director Sindh Solid Waste Management Board Government of Sindh
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Sealed & delivered in the presence of:

ESS 1 (CONTRACTOR SIDE)  (XING WEN XIANG) Chief Executive Officer Jinjiang Group Sanitation Services Company Limited Passport No.: E35666777	WITNESS 1 (PROCURING AGENCY)  (GHULAM FAREED) Administrator District Municipal Corporation Karachi - West
ESS 2 (CONTRACTOR SIDE)  D FAISAL UR REHMAN) Chief Executive Officer Imi Ur Rehman Associates IC No.: 42101-8373139-9	WITNESS 2 (PROCURING AGENCY)  (WASEEM MUSTAFA SOOMRO) Municipal Commissioner District Municipal Corporation Karachi - West

APPENDIX - C

Price List & B.O.Q for District West				
Description of Item	Unit	Quantity	Rate is USD \$	
			Unit Price	Total Price
Charge for and collection of MSW waste, including cost of door to door collection, management, operational, monitoring cost of machineries, labors, sweepers, drivers, transportation, etc., cost of all taxes and other incidental cost as per the contract document.	Tons	752265	17.94	13,499,032.96
Charge for and manual sweepings of roads and footpaths including management operational, monitoring cost, labor, drivers, coolies cost and cost of tools and other incidental cost and cost of all taxes as per contract document.	Per KM	328420	13.57	4,457,051.14
Charge for and manual sweeping of footpath, roads, medians, Roundabouts, open spaces including management operational, monitoring cost, labor, drivers, coolies cost and cost of tools and other incidental cost and cost of all taxes as per contract document.	Per Sq. KM	10.14	6105.26	61,907.30
Charge for and mechanical sweeping of roads including management operational, monitoring cost, labor, drivers, coolies cost and cost of tools and other incidental cost and cost of all taxes as per contract document.	Per KM	67338	29.74	2,002,422.43
Charge for and mechanical washing of main roads including management operational, monitoring cost, labor, drivers, coolies cost and cost of tools and other incidental cost and cost of all taxes as per contract document.	Per KM	600	213.69	128,214.31
Manufacturing and supplying at site of works litterbins, metal buckets, metal container (tipping type) with Solid Waste Machinery including painting of bucket, bin and container in desired color and lettering as directed, cost of transportation, manufacturing etc. complete.				
Litterbin as per required standard having capacity of 0.24 to 0.3 Meter Cube	Each	4300	69.79	300,083.40
Metal Bucket of bin cubage				
1.5 Meter Cube	Each	3816	311.89	1,190,189.58
1.0 Meter Cube				
0.75 Meter Cube				
Container of container cubage				
1.5 Meter Cube	Each	700	870.36	609,252.00
1.0 Meter Cube				
0.75 Meter Cube				
Charge for and collection and transportation of her sacrificial animal waste (on eve of Idhar) from door steps, roads, streets, lanes and etc. from the whole area under jurisdiction including cost of collection, transportation to landfill site (Jam Chakro Landfill) including cost of management, monitoring, machinery, incidental cost and cost of all taxes as per contract document.	Ton	2341	36.99	86,582.72

quoted prices are inclusive of all taxes.

Cost of Taxes

Cost of work and services for items listed in price list / B.O.Q. in Figures: **108,296.00 only**

Cost of work and services for items listed in price list / B.O.Q. in words: **Nineteen and eight thousand, two hundred ninety six dollars only.**

On account of labors/workforce obtained from DMC West. Total Amount per year: **19,574.50 only (Equivalent to PKR: 276 Million, USD is calculated at 104 PKR).**

Cost of Works and services for items listed in Price List/ B.O.Q in Figures: **48,721.50 only.**

Cost of Works and services for items listed in Price List/ B.O.Q in Words: **Sixteen million and four hundred eighty thousand, seven hundred twenty one dollars and fifty cents**

Cost of Taxes

Taxes are calculated as follows:

④ Sales Tax: 10%



Cost of work and services for items listed in price list / B.O.Q. in Figures: **34,747.85 only.**

Cost of work and services for items listed in price list / B.O.Q. in words: **Twenty two and three hundred thirty four thousand, seven hundred forty seven dollars and five cents only.**

On account of labors/workforce obtained from DMC West. Total Amount per year: **5,000.00 only (Equivalent to PKR: 325 Million, USD is calculated at 104 PKR)**

Cost of Works and services for items listed in Price List/ B.O.Q in Figures: **09,747.85 only.**

Cost of Works and services for items listed in Price List/ B.O.Q in Words: **Nineteen and seven hundred forty seven dollars and five cents only.**

In capacity of president duly authorized signatory for and on behalf of HANGZHOU HANG GROUP SANITATION SERVICES CO., LTD. (Consortium of Hangzhou Jinjiang Group Co., Ltd., Dalian Mingri Environmental Engineering Co., Ltd.; BEWG (China) Ltd.).

Representative: Peng Lin

16 Lin

HANG GROUP SANITATION SERVICES CO., LTD.

(In Block Capitals) (Seal)

HANG BUILDING, SOUTH HUSHU ROAD 111, HANGZHOU, CHINA.

APPENDIX - C-1

Detailed Calculation of Price List & B.O.Q for District West				
				Rate is USD \$
Description of Item	Unit	Quantity	Unit Price	Total Price
ing for and collection of MSW waste, ing waste including cost of door to door tion, management, operational, monitoring and cost of machineries, labors, sweepers, r, drivers, transportation, etc., cost of all taxes ther incidental cost as per the contract ent.	Tons	752265	17.944518	13,499,032.96
ing for and manual sweepings of roads streets including management operational, ring cost, labor, drivers, coolies cost and tools and other incidental cost and cost of all s per contract document.	Per KM	328420	13.571193	4,457,051.14
ing for and manual sweeping of footpath, belts, medians, Roundabouts, open spaces ng management operational, monitoring abor, drivers, coolies cost and cost of tools er incidental cost and cost of all taxes as per t document.	Per Sq. KM	10.14	6105.256410	61,907.30
ing for and mechanical sweeping of roads ng management operational, monitoring abor, drivers, coolies cost and cost of tools er incidental cost and cost of all taxes as per t document.	Per KM	67338	29.736886	2,002,422.43
ing for and mechanical washing of main including management operational, ring cost, labor, drivers, coolies cost and tools and other incidental cost and cost of all s per contract document.	Per KM	600	213.690517	128,214.31
ng and supplying at site of works litterbins, metal buckets, metal container (tipping type) able with Solid Waste Machinery including painting of bucket, bin and container in desired color ng cost lettering as directed, cost of transportation, manufacturing etc. complete.				
ic Litterbin as per required standard having ge of 0.24 to 0.3 Meter Cube.	Each	4300	69.786837	300,083.40
ard Metal Bucket of bin cubage				
1.4 Meter Cube 2 Meter Cube 4 Meter Cube	Each	3816	311.894544	1,190,189.58
Container of container cubage				
eter Cube eter Cube eter Cube eter Cube	Each	700	870.362871	609,254.01
ng for and collection and transportation of d other sacrificial animal waste (on eve of Vha) from door steps, roads, streets, lanes ground i.e. from the whole area under ncluding cost of collection, transportation osal to landfill site (Jam Chakro Landfill uding cost of management, monitoring, machinery, incidental cost and cost of all c complete.	Ton	2341	36.989628	86,591.71

above quoted prices are inclusive of all taxes.

Inclusive of Taxes

Year cost of work and services for items listed in price list / B.O.Q. in Figures:

19,008,296.00 only.

Year cost of work and services for items listed in price list / B.O.Q. in words: **Nineteen million and eight thousand, two hundred ninety six dollars only.**

Amount on account of labors/workforce obtained from DMC West. Total Amount per year: **2,659,574.50 only (Equivalent to PKR: 276 Million, USD is calculated at 104 PKR).**

Cost of Works and services for items listed in Price List/ B.O.Q in Figures:

16,348,721.50 only.

Cost of Works and services for items listed in Price List/ B.O.Q in Words: **Sixteen million and three hundred forty eight thousand, seven hundred twenty one dollars and fifty cents only.**

Y.

Inclusive of Taxes

Other taxes are calculated as follows:

1.5%

Sales Tax: 10%



Year cost of work and services for items listed in price list / B.O.Q. in Figures:

22,334,747.85 only.

Year cost of work and services for items listed in price list / B.O.Q. in words: **Twenty two million three hundred thirty four thousand, seven hundred forty seven dollars and fifty five cents only.**

Amount on account of labors/workforce obtained from DMC West. Total Amount per year:

3,125,000.00 only (Equivalent to PKR: 325 Million, USD is calculated at 104 PKR)

Cost of Works and services for items listed in Price List/ B.O.Q in Figures:

19,209,747.85 only.

Cost of Works and services for items listed in Price List/ B.O.Q in Words: **Nineteen million two hundred and nine thousand, seven hundred forty seven dollars and fifty five cents only.**

On the capacity of president duly authorized signatory for and on behalf of HANGZHOU JINJIANG GROUP SANITATION SERVICES CO., LTD. (Consortium of Hangzhou Jinjiang Group Sanitation Services Co., Ltd.; Dalian Mingri Environmental Engineering Co., Ltd.; BEWG (China) Co., Ltd.).

Representative: Peng Lin

PENG LIN

JINJIANG GROUP SANITATION SERVICES CO., LTD.

Registered in Block Capitals (Seal)

101 JINJIANG BUILDING, SOUTH HUSHU ROAD 111, HANGZHOU, CHINA.

ATTESTED
Shabana Saleem
SHABANA SALEEM
NOTARY PUBLIC
Advocate High Court, Karachi.

14 OCT 2017