September 30, 2021

Request for Quotation/ Proposal

No.	Project No.	Project Name	Location	Amount	Duration Cal. Days	Source Fund
Parks - Small A						
1	21-001 SV	Proposed Rehabilitation of Welcome Arc at Manresa Park	Manresa	247,536.00	30	Engineering Department
Buildings – Small A						
2	21-002 SV	Proposed Rehabilitation of Reception Area at Various Health Center (District 2)	Various Barangays	341,124.74	30	OCM-20% CDF
3	21-003 SV	Proposed Temporary Enclosure for Crematory Machine at Baesa Crematorium	Baesa	594,910.45	30	Engineering Department-SB No. 1
4	21-004 SV	Proposed Rehabilitation of Reception Area at Various Health Center (District 3)	Various Barangays	632,587.24	30	OCM-20% CDF
5	21-005 SV	Proposed Rehabilitation of Material Recovery Facility at Third Floor (Roof Deck)	Mariana	789,657.49	60	Engineering Department-SB No. 1
6	21-006 SV	Proposed Rehabilitation of Reception Area at Various Health Center (District 1)	Various Barangays	809,220.13	30	OCM-20% CDF
7	21-007 SV	Proposed Rehabilitation of Reception Area at Various Health Center (District 6)	Various Barangays	851,009.93	30	OCM-20% CDF
8	21-008 SV	Proposed Rehabilitation of Multi-Purpose Hall at Bagumbuhay	Bagumbuhay	908,267.19	60	Engineering Department-SB No. 1
9	21-009 SV	Proposed Rehabilitation of Reception Area at Various Health Center (District 4)	Various Barangays	953,997.37	30	OCM-20% CDF
10	21-010 SV	Proposed Rehabilitation of Tennis Court at Villa Orion Union	West Fairview	995,610.53	60	Engineering Department-SB No. 1
Roads – Small B						
11	21-011SV	Proposed Rehabilitation of Steel Bridge at Tacloban Street	Alicia and Bahay Toro	695,189.25	90	Engineering Department
Roads – Small B						
12	21-012 SV	Proposed Rehabilitation (Surface Improvement) of Halcon Street at Amparo Subdivision	Nagkaisang Nayon	897,220.87	10	Engineering Department
13	21-013 SV	Proposed Rehabilitation of Road and Drainage at Balimbing Street	Veterans Village	971,164.95	60	OCM-20% CDF

The Quezon City Government through its Bids and Awards Committee – Infra and Consultancy undertake an Small Value Procurement in accordance with **Section 53.9 of the Revised Implementing Rules and Regulations of Republic Act No. 9184**.

Please quote your best offer for the project/s described above, subject to the Terms and Conditions provided. Submit your proposal/price quotation duly signed by you or your duly authorized representative not later than **5 October 2021** on or before **10:00 A.M.,** Philippine Standard Time, together with the following documents:

1. PhilGEPS Platinum Certificate
2. DTI or SEC Registration Certificate
3. Mayor's Permit
4. Tax Clearance
5. PCAB License (Bidders with valid Philippine Contractors Accreditation Board (PCAB)
6. Audited Financial Statements
7. Net Financial Contracting Capacity (NFCC)
8. List of Key Construction Personnel to be assign for the project
9. List of Major Equipment to be used for the Project
10. Duly Notarized Affidavit of Undertaking of Key Personnel and Equipment
11. Income/Business Tax Returns
12. Omnibus Sworn Statement prescribed by the Government Procurement Policy Board (GPPB) duly notarized with attached Secretary's Certificate (*If a partnership, corporation, cooperative, or joint venture*). The authorized representative as identified in the Omnibus Sworn Statement shall be the signatory in the proposal/price quotation form.

Opening of Quotations/Proposals will be on **5 October 2021** at exactly **11:00 A.M.**

in a **SEALED LONG BROWN ENVELOPE** shall:

1 Contain the Name of Project of the contract to be quoted in capital letters;
2 Bear the name and address of the Contractor in capital letters;
3 Be addressed to the Procuring Entity's BAC.

Name of Project: **IN CAPITAL LETTERS**

Quezon City Local Government
BIDS AND AWARDS COMMITTEE (INFRA & CONSULTANCY)
2/F Procurement Department, Finance Building
Quezon City Hall Compound

For any clarification you may contact us at 89884242 loc. 8505/8709.

ATTY. MARK DALE DIAMOND P. PERRAL
Chairman, BAC Infra and Consultancy

TERMS AND CONDITIONS

1. Contractor shall **provide correct and accurate** information required in this form.
2. Price quotation/proposal must be valid for a period of thirty (30) calendar days from the date of submission.
3. Price quotation/proposal, to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
4. Quotation/Proposal **exceeding** the Approved Budget for the Contract (ABC) shall be **rejected.**
5. Award of contract shall be made to the lowest quotation/proposal (for infra) which complies with the minimum technical specifications and other terms and conditions stated herein.
6. Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by the contractor or his/her duly authorized representative/s.
7. The Engineering Department shall have the right to inspect and monitor the construction projects
8. Non-submission of eligibility documents shall mean disqualification of Quotation/Proposal.
9. Liquidated damages equivalent to one tenth (1/10) of one percent (1%) of the cost of the unperformed portion for every day of delay, Engineering Department shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.
10. Failure to follow these instructions will disqualify your entire quotation/proposal.

ATTY. MARK DALE DIAMOND P. PERRAL
Chairman, BAC Infra and Consultancy

Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT
5th,6th ,7th Floors, QC Civic Center Building "B"
Telephone Nos. 8988-4242 Local 8538

Project Name : **PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION**

Location : **Barangay Nagkaisang Nayon, District 5, Quezon City**

LIST OF MANPOWER

	Manpower	No.
1	Project Engineer	1
2	Materials Engineer	1
3	Safety Officer	Refer to DOLE Requirements
4	Surveyor	As needed
6	Procurement Officer	1
7	Equipment Operator	5
9	General Foreman	1
10	Laborer	4

Prepared by:

AURELIO B. FULGENCIO
Planning and Programming Division

MARILEN F. COMENDADOR
Planning and Programming Division

Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT
5th,6th ,7th Floors, QC Civic Center Building "B"
Telephone Nos. 8988-4242 Local 8538

Project Name : **PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION**

Location : **Barangay Nagkaisang Nayon, District 5, Quezon City**

LIST OF EQUIPMENT

	NAME OF EQUIPMENT	NO. OF UNIT
1	Bituminous Prime Coat Truck Sprayer	1
2	Broom Truck	1
3	Dumptruck	1
4	Pneumatic Roller	1
5	Truck Paver	1
6	Wheel Borrow	2

Prepared by:

AURELIO B. FULGENCIO
Planning and Programming Division

Checked by:

MARILEN F. COMENDADOR
Planning and Programming Division

REPLUBLIKA NG PILIPINAS
LUNGSOD QUEZON
CITY ENGINEERING DEPARTMENT
5TH 6TH 7TH Floors, QC Civic Center Building "B"
Telephone Nos. 8988-4242 Local 8538

PROJECT TITLE : **PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION**

LOCATION : **BARANGAY NAGKAISANG NAYON, DISTRICT 5, QUEZON CITY**

TECHNICAL SPECIFICATIONS

GENERAL NOTES:

1. The above-mentioned project is subject to the Standards Specifications listed herein where applicable.
2. STANDARD SPECIFICATIONS
   All works shall comply with DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES 2013 Edition supplemental specification pertaining to this project and provision of the contract.
3. DIMENSIONS
   Unless otherwise specified, all dimensions which include stationing, distances between control points and elevations are measured in meters.
4. ALIGNMENT AND GRADE
   No alteration or change in alignment and grade shall be made unless existing field condition so warrant and only upon the written order by the Engineer-In-charge and approved by the propoer authority concerned.
5. REMOVAL OF EXISTING STRUCTURES AND OBSTRUCTIONS
   a. Existing structures affected in this project shall be done with the required tools and equipment. All debris shall be immediately disposed.
   b. Portion of existing utilities such as MWSS Pipelines, PLDT Posts, MERALCO Posts, etc. that may cause obstructions to the construction of ths project shall be relocated by the entity or owner concerned. Extreme precaution shall be exercised, damaged thereof shall be the account of the contractor.
6. SUB-GRADE, SUB BASE AND BASE.
   a. Unsuitable sub-grade material shall be excavated below the ground surface to the required width and depth. The area to be excavated shall be backfilled with approved material.
   b. No embankment material shall be placed until the foundation is stable.
   c. All agregate sub-base and base course shall be spread, laid and compacted in accordance with the required thickness and proposed elevation.
7. CONCRETE AND CONCRETE PAVEMENT
   a. All concrete to be used in this project shall be Class "A" unless otherwise indicated.
   b. No Admixtures or additives will be allowed for all concrete works without prior approval by the City Engineer or his duly representative.
   c. Traffic shall be required to reduced speed when passing the vicinity of the newly laid concrete pavement until such time that it has obtained the required strength.
8. ASPHALT PAVEMENT
   a. Prepared or Existing Base shall be thoroughly cleaned and free from dirt by utilizing a push broom as required. Emulsified asphalt (SS1) shall be used and spread evenly on the surface prepared by utilizing an asphalt distributor as required.
   b. Asphalt Plant Hot Mix shall be laid evenly by utilizing an asphalt paver to a thickness as required in the plan or program of work.

9. REINFORCING STEEL BARS
   Reinforcing steel shall conform to AASHTO M31 (ASTM615), Grade 40 for Bars 16 mm. diameter and smaller (40,000 psi), fy = 275 MPa, and for Bars greater than 16 mm Diam., Grade 60 (60,000 psi) fy = 414 MPa.

10. DRAINAGE
    a. Exact location, slope, outfalls and invert elevation of drainage structures shall be checked in the field by the Engineer-In-Charge, minor adjustment maybe made by the approval of the Engineer to suit actual field condition.
    b. Existing drainage structures or part thereof removed by the contractor that are still serviceable shall be turned over to the Government and shall be deposited at a place within the project site designated by the Engineer-In-Charge without any extra compensation. Extreme precaution shall be exercised by the contractor not to damage these materials during the removal and handling.

11. CONSTRUCTION STAKES
    a. The contractor will be responsible for the true and proper setting out of the work or improvement and for correctness of position, level slope and continuous profile grade in road work. He will set construction stakes, establishing lines, slope and continuous profile work and other line and benchmark for bridge work.

    Grade in road protective and necessary structures and appurtenances culvert work, as are deemed necessary from the reference date to be furnished by the Engineer-In-Charge in writing.

    b. The checking of construction stakes by the Engineer-In-Charge shall not in any way relieve the contractor of his responsibility for the correctness thereof and the contractor shall carefully protect preserve all benchmark, pegs and other things used in setting out of the work.

ITEM SPL 7 – BILLBOARD
DESCRIPTION

This item shall consist of installation of Billboards on locations as established by the Engineer-In-Charge in conformity with the standard size, design, layout and dimension as shown in the Plans.

MATERIAL REQUIREMENTS
Based on the standard design approved by and material requirement of the implementing agency.

ITEM SPL 12 CONSTRUCTION SAFETY AND HEALTH
DESCRIPTION

This item shall include necessary provision of construction safety and health gear such as safety vest, Safety helmet, First Aid Kit, Safety Boots and Gloves. All materials delivered and utilized for the project shall be turned-over to the Implementing agency after the completion of the project.

MATERIAL REQUIREMENTS

Based on the standard design and specifications approved by and material requirement of the implementing agency.

ITEM SPL 13 STEEL BARRICADE
DESCRIPTION

This item shall consist of fabrication of steel barricades in accordance with the Standard Specifications for Public Works and Highways and in reasonably close conformity shown on the plans or as established by the Engineer-In-Charge.

MATERIAL REQUIREMENTS

STEEL BARRICADES
Metal units shall conform to the plan dimensions and to the following specification requirements for the designated materials. Metal gratings and covers which are to rest on frames shall bear on them evenly. They shall be assembled before shipment and so marked that the same pieces may be reassembled readily in the same position when installed. Inaccuracy of bearings shall be corrected by machining, if necessary. A frame and a grating or cover to be used with it shall constitute one pair.
All castings shall be uniformly coated with asphalt-based emulsion meeting the requirements of ASTM D 1187, Asphalt-base Emulsion for use as Protective Coating for Metal. Samples of the material in casting

shall be taken during the casting of the units and shall be separate casting poured from the same material as the casting they represent

Structural steel	AASHTO M 183
Galvanizing, where specified for these units, shall conform to the requirements of	AASHTO M 111
Reinforcing Steel	AASHTO M 31

ITEM SPL 13c TRAFFIC CONE
DESCRIPTION

This item shall consist of installation of steel barriers / traffic cone on locations as established by the Engineer-In-Charge in conformity with the Standard size, design, layout and dimension as shown in the Plans.

MATERIAL REQUIREMENTS
Based on the standard design approved by and material requirement of the implementing agency.

ITEM 302 – BITUMINOUS PRIME COAT
DESCRIPTION

This Item shall consist of preparing and treating an aggregate base course with material in accordance with the Plans and Specifications, preparatory to the construction of a bituminous surface course.

MATERIAL REQUIREMENTS
Bituminous material shall be either Rapid Curing (RC) or Medium Curing (MC) Cut-back Asphalt, whichever is called for in the Bill of Quantities. It shall conform to the requirements of Item 702, Bituminous Materials. The type and grade shall be specified in the Special Provisions.

ITEM 310 – BITUMINOUS CONCRETE SURFACE COURSE, HOT LAID
DESCRIPTION

This Item shall consist of constructing a bituminous concrete surface course composed of aggregates, mineral filler, and bituminous material mixed in a central plant, constructed and laid hot on the prepared base in accordance with this Specification and in conformity with lines, grades, thickness and typical cross-section shown on the Plans.

MATERIAL REQUIREMENTS

COMPOSITION AND QUALITY OF BITUMINOUS MIXTURE (Job-Mix Formula)
The bituminous mixture shall be composed of aggregate, mineral filler, hydrated lime, and bituminous material. At least three weeks prior to production, the Contractor shall submit in writing a job-mix formula for each mixture supported by laboratory test data along with samples and sources of the components and viscosity-temperature relationships information to the Engineer for testing and approval.

Each job-mix formula submitted shall propose definite single values for:

1. The percentage of aggregate passing each specified sieve size.
2. The percentage of bituminous material to be added.
3. The temperature of the mixture delivered on the road.
4. The kind and percentage of additive to be used.
5. The kind and percentage of mineral filler to be used.

After the job-mix is established, all mixture furnished for the project shall conform thereto within the following ranges of tolerances:

Passing No. 4 and larger sieves	±	7 percent
Passing No. 8 to No. 100 sieves (inclusive)	±	4 percent
Passing No. 200 sieve	±	2 percent
Bituminous Material	±	0.4 percent

Temperature of Mixture	±	10℃

Should a change in source of material be proposed or should a job-mix formula prove unsatisfactory, a new job-mix formula shall be submitted by the Contractor in writing and be approved by the Engineer prior to production. Approval of a new job mix formula may require laboratory testing and verification. The mixture shall have a minimum compressive strength of 1.4 MPa (200 psi). The mixture shall have a mass percent air voids with the range of 3 to 5. The mixture shall also have an index of retained strength of not less than
70 when tested by AASHTO T 165. For aggregates having maximum sizes over 25 mm (1 inch), AASHTO T 165 will be modified to use 150 mm x 150 mm (6 x 6 inches) cylindrical specimens. The 150 mm (6 inches' cylinders will be compacted by the procedures outlined in AASHTO T 167 modified to employ 10 repetitions of a molding load of 9.6 MPa (1400 psi), with no appreciable holding time after each application of the full load.

BITUMINOUS MATERIAL
It shall be Penetration Grade Asphalt Cement. Asphalt cement shall conform to the requirements of AASHTO M 226.
AGGREGATES
It shall be uniformly graded from coarse to fine. Target value for the intermediate sieve sizes shall be established within the limits shown in table 703.1. The contractor shall submit the proposed target value in writing to the Engineer-In-Charge for approval. The target gradation is subject to confirmation testing in accordance with section 307.2 before approval by the engineer. Any changes in the target gradation are subject to confirmation testing in accordance with section 307.2., unless otherwise approved in writing by the engineer. No target gradation adjustment will be permitted during the span of a lot.

TABLE 703.1 – Range of Gradation Target Values

Sieve Designation, mm	Mass percent passing square mesh sieves, AASHTO T 11 and T 27, exclusive of mineral filler
	Range:
25 (1")	100
19 (3/4")	100
4.75 (No. 4)	50 – 60
2.36 (No. 8)	38 – 48
0.075 (No. 200)	3 – 7
	The minimum for Sand Equivalent is 35

No intermediate size of aggregate shall be removed for other purposes without written consent of the engineer. If crushed gravel is used, not less than 50 mass percent of the material retained on the 4.75 mm (No. 4) sieve shall be particles having at least one fractured face. That portion of the composite material passing a 4.75 mm (No. 4) sieve shall have a sand equivalent of not less than 35, as determined by AASHTO T 176, Alternate Method No. 2. The aggregate shall show a durability index not less than 35 (coarse and fine) as determined by AASHTO T 210. The material shall be free of clay balls and adherent films of clay or other matter that would prevent thorough coating with the bituminous material.

MINERAL FILLER
Filler material for bituminous bases or pavements shall meet the requirements of AASHTO M 17, Mineral Filler for Bituminous Paving Mixtures.
Mineral filler shall be graded within the following limits:

Sieve	Maximum Perfect Passing
0.600 mm (No. 30)	100
0.300 mm (No. 50)	95 – 100
0.075 mm (No. 200)	70 – 100

The mineral filler shall have a plasticity index not greater than 4. Plasticity Index limits are not appropriate for hydraulic lime and cement.

HYDRATED LIME
Hydrated lime shall conform to the requirements of PHILSA I-1-68 or ASTM C 207-76 and shall be of the following type:

Type N	-	Normal hydrated lime for masonry purposes.
Type S	-	Special hydrated lime for masonry purposes.
Type NA	-	Normal air-entraining hydrated lime for masonry purposes.
Type SA	-	Special air-entraining hydrated lime for masonry purposes.

Type N and S are suitable for use in mortar, in scratch and brown coats of cement plaster, for stucco and for addition to Portland Cement concrete. Type NA and SA are air-entrained hydrated limes that are suitable for use in any of the above uses where air-entrainment are desired. Type S and SA hydrated lime develop high, early plasticity and higher water retentivity and by a limitation on their unhydrated oxide content. It is the intent of this Specification to use either the Type N or S for soil stabilization and as filler requirement to bituminous plant mixtures. It is expected to provide pavements with greater resistance to the detrimental effects of water, especially flooding during the rainy season.

PROPORTIONING OF MIXTURES
The proportion of bituminous material on the basis of total dry aggregate shall be from 5.0 to 8.0 mass percent. The exact percentage to be used shall be fixed by the Engineer in accordance with the job-mix formula and the other quality control requirements. During the mixing operation, one-half to one (0.5 to 1.0) mass percent of hydrated lime, dry aggregate basis, shall be added to the mixture. The lower percentage limit is applicable to aggregates which are predominantly calcareous.

ITEM SPL 10a/10b – THERMOPLASTIC MARKINGS (WHITE/YELLOW)
MATERIAL REQUIREMENTS

Reflectorized thermoplastic pavement material shall be homogeneously composed of pigment, filler, resins, and glass reflectorizing spheres.
The thermoplastic materials shall be available to both white and yellow.
Glass Beads (Pre-mix) shall be uncoated and shall comply with the following requirements:
Refractive Index, min. – 1.5
Spheres Percent, min. – 90

Gradation:

Sieve, mm	Mass Percent Passing
0.850	100
0.600	75 – 95
0.425	-
0.300	15 – 35
0.180	-
0.150	0 – 5

ITEM SPL 14 – ASPHALT PAVEMENT / APPROACH
DESCRIPTION

This item shall consist of preparing and treating an existing base, asphalt pavement and existing concrete pavement with material in accordance with the Plans and Specifications preparatory to the construction of a bituminous surface course. This item shall consist of constructing a bituminous concrete surface course composed of aggregates, mineral filler and bituminous material mixed in a central plant, constructed and laid hot on the prepared base in accordance with this Specification and in conformity with the lines, grades, thickness and cross-section shown on the Plans.

MATERIAL REQUIREMENTS

Bituminous material shall be either Rapid Curing (RC) Cut-back or Emulsified Asphalt, whichever is called for in the Bill of Quantities. It shall conform to the requirements of Item 702, Bituminous Materials. The type and grade will be specified in the Special Provisions.

COMPOSITION AND QUALITY OF BITUMINOUS MIXTURE (JOB-MIX FORMULA)
The bituminous mixture shall be composed of aggregate, mineral filler, hydrated lime, and bituminous material. At least three weeks prior to production, the Contractor shall submit in writing a job-mix formula for each mixture supported by laboratory test data along with samples and sources of the components and viscosity-temperature relationships information to the Engineer for testing and approval.

Each job-mix formula submitted shall propose definite single values for:

1. The percentage of aggregate passing each specified sieve size.

2. The percentage of bituminous material to be added.
3. The temperature of the mixture delivered on the road.
4. The kind and percentage of additive to be used.
5. The kind and percentage of mineral filler to be used.

After the job-mix is established, all mixture furnished for the project shall conform thereto within the following ranges of tolerances:

Passing No. 4 and larger sieves	±	7 percent
Passing No. 8 to No. 100 sieves (inclusive)	±	4 percent
Passing No. 200 sieve	±	2 percent
Bituminous Material	±	0.4 percent
Temperature of Mixture	±	10℃

Should a change in source of material be proposed or should a job-mix formula prove unsatisfactory, a new job-mix formula shall be submitted by the Contractor in writing and be approved by the Engineer prior to production. Approval of a new job mix formula may require laboratory testing and verification. The mixture shall have a minimum compressive strength of 1.4 MPa (200 psi). The mixture shall have a mass percent air voids with the range of 3 to 5. The mixture shall also have an index of retained strength of not less than
70 when tested by AASHTO T 165. For aggregates having maximum sizes over 25 mm (1 inch), AASHTO T 165 will be modified to use 150 mm x 150 mm (6 x 6 inches) cylindrical specimens. The 150 mm (6 inches' cylinders will be compacted by the procedures outlined in AASHTO T 167 modified to employ 10 repetitions of a molding load of 9.6 MPa (1400 psi), with no appreciable holding time after each application of the full load.

BITUMINOUS MATERIAL
It shall be Penetration Grade Asphalt Cement. Asphalt cement shall conform to the requirements of AASHTO M 226.

AGGREGATES
It shall be uniformly graded from coarse to fine. Target value for the intermediate sieve sizes shall be established within the limits shown in table 703.1. The contractor shall submit the proposed target value in writing to the Engineer-In-Charge for approval. The target gradation is subject to confirmation testing in accordance with section 307.2 before approval by the engineer. Any changes in the target gradation are subject to confirmation testing in accordance with section 307.2., unless otherwise approved in writing by the engineer. No target gradation adjustment will be permitted during the span of a lot.

NOTES:
All other item of works not covered by this listed TECHNICAL SPECIFICATIONS shall be ISSUED with supplemental specifications by the Implementing Agency based on the Program of Work and Approved Plan(s) for the proposed project.

PREPARED BY:

AURELIO B. FULGENCIO
Planning and Programming Division

CHECKED BY:

MARILEN F. COMENDADOR
Planning and Programming Division

PROJECT TITLE : **PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION**

LOCATION : **Barangay Nagkaisang Nayon, District 5, Quezon City**

PROJECT NO. : **21 - 013 SV**

DURATION : **Ten (10) Calendar Days**

BREAKDOWN OF COST

ITEM NO.	WORK DESCRIPTION AND SCOPE OF WORKS	DIRECT COST	INDIRECT COST	AMOUNT
I	GENERAL REQUIREMENTS	₱	₱	₱
II	CIVIL / STRUCTURAL WORKS			

TOTAL COST ₱ _____

LUMP SUM BID IN WORDS : _____

_____

Contractor : _____

BILL OF QUANTITIES

(Road Construction/Rehabilitation Project)

PROJECT TITLE : PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION

LOCATION : Barangay Nagkaisang Nayon, District 5, Quezon City

PROJECT NO. : 21 - 012 SV

DURATION : Ten (10) Calendar Days

Road Details:

NAME:	TYPE	LENGTH	WIDTH	LIMITS
Halcon Steet	ASPHALT	115.00	6.0 m	Arayat Street to General Luis

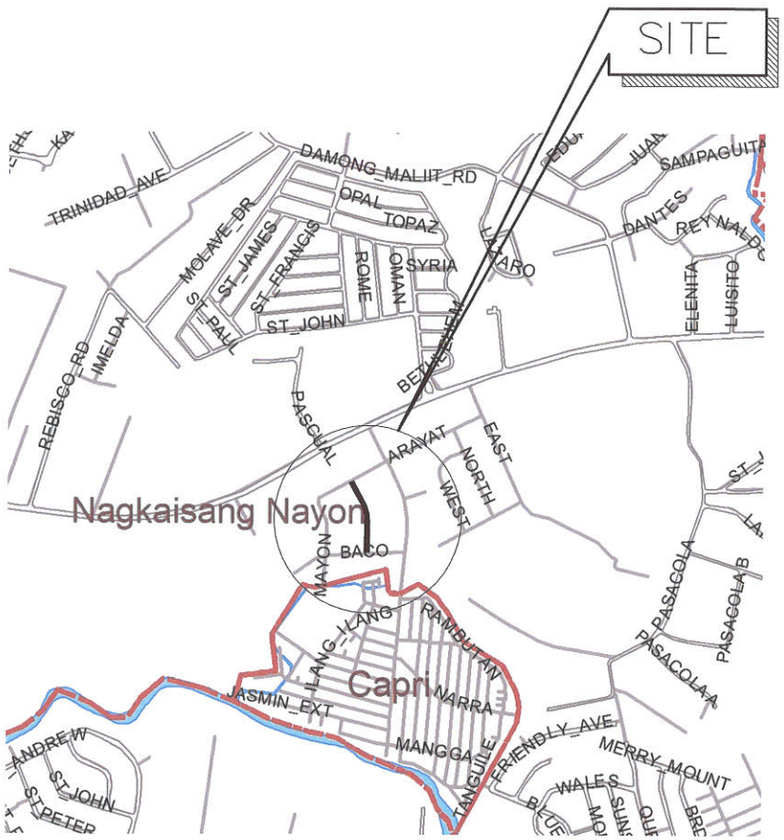
Scope of Works:

1 General Requirements including billboard, construction and safety and health and barricade.

2 Spraying of Bituminous Prime Coat, Sectional Squarring, Asphalt Patching, Asphalt Overlaying and Improvement and Provision for thermoplastic lane markings.

ITEM NO.	WORK DESCRIPTION AND SCOPE OF WORKS	QTY	UNIT	UNIT COST	AMOUNT
I	**GENERAL REQUIREMENTS**				
SPL7	Billboard	2	unit	₱	₱
SPL12	Construction Safety and Health	1	unit		
SPL13b	Steel Barricade	2	unit		
SPL13c	Traffic Cone (rental)	12	unit		
				DIRECT COST I	**₱**
II	**CIVIL / STRUCTURAL WORKS**				
A.	Laying of Asphalt Pavement				
302	Bituminous Prime Coat	0.8	m.t.	₱	₱
310	Bituminous Concrete Surface Course	82	m.t.		
B.	Painting Works				
SPL10a	Thermoplastic Markings (White)	44	sq.m.		
SPL 14	Asphalt Pavement / Approach	17	sq.m.		
				DIRECT COST II	**₱**

ITEM SPL13B STEEL BARRICADE SHALL BE TURNED - OVER TO THE CITY ENGINEERING DEPARTMENT	**TOTAL DIRECT COST**	**₱**
	Overhead, Contingencies and Miscellaneous Expenses (OCM)	
	Profit	
	VAT	
	TOTAL ESTIMATED COST	**₱**



1 **VICINITY MAP** NTS

2 **LOCATION PLAN** NTS.

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CIVIL WORKS	
CW–01	VICINITY MAP LOCATION PLAN
CW–02	PLAN ROADWAY CROSS SECTION
CW–03	ROADWAY PLAN WITH PHOTOGRAPHS
CW–04	STEEL BARRICADE THERMO PLASTIC DETAIL REFLECTORIZED TRAFFIC CONE

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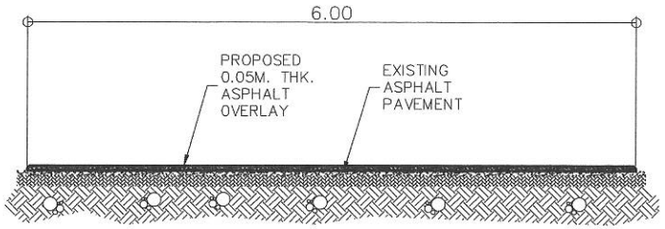
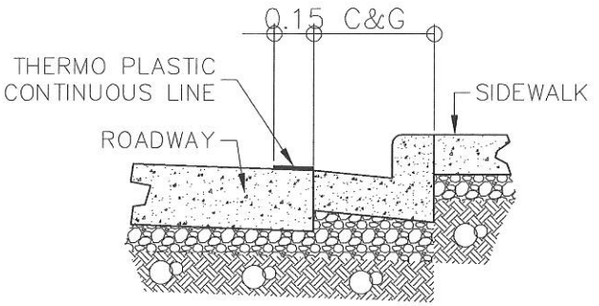
CITY ENGINEERING DEPARTMENT

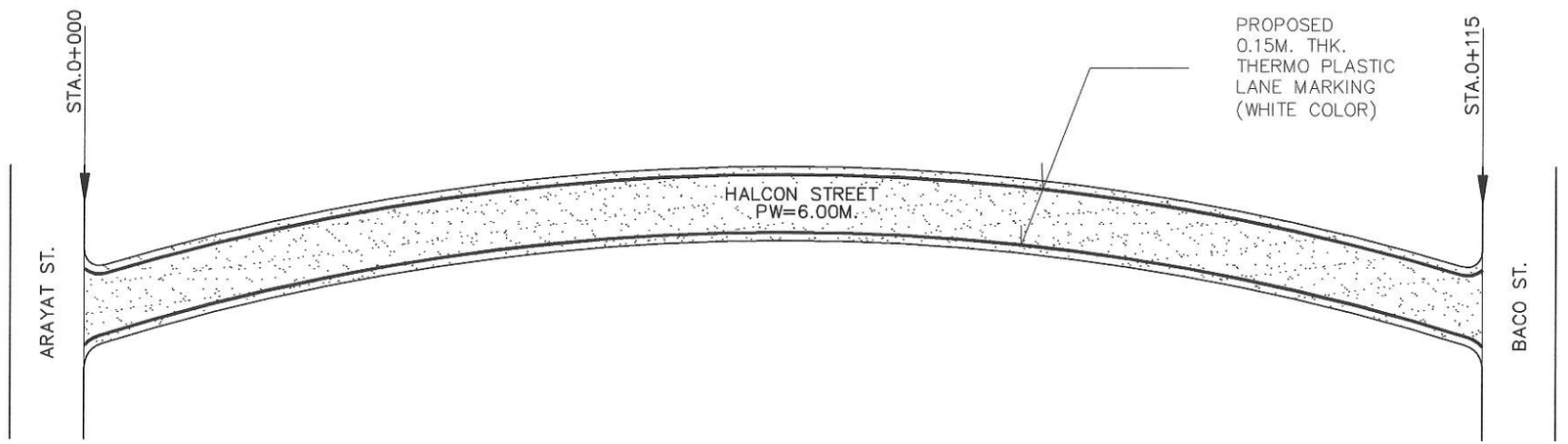
PROJECT TITLE :	DRAWN BY : IAM	SUBMITTED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT / SHEET NO.
PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION	DATE :				VICINITY MAP LOCATION MAP
	CHECKED BY:	**ENGR. LEO S. DEL ROSARIO** HEAD , PLANNING & PROGRAMMING DIVISION	**ENGR. ISAGANI R. VERZOSA, JR.** OIC, CITY ENGINEERING DEPARTMENT	**HON. MA. JOSEFINA G. BELMONTE** CITY MAYOR , QUEZON CITY	CW 1|4
LOCATION: BRGY. NAGKAISANG NAYON, DISTRICT 5, QUEZON CITY	REVISION NO.: 01				





2 ROADWAY CROSS SECTION

SCALE 1:50M.

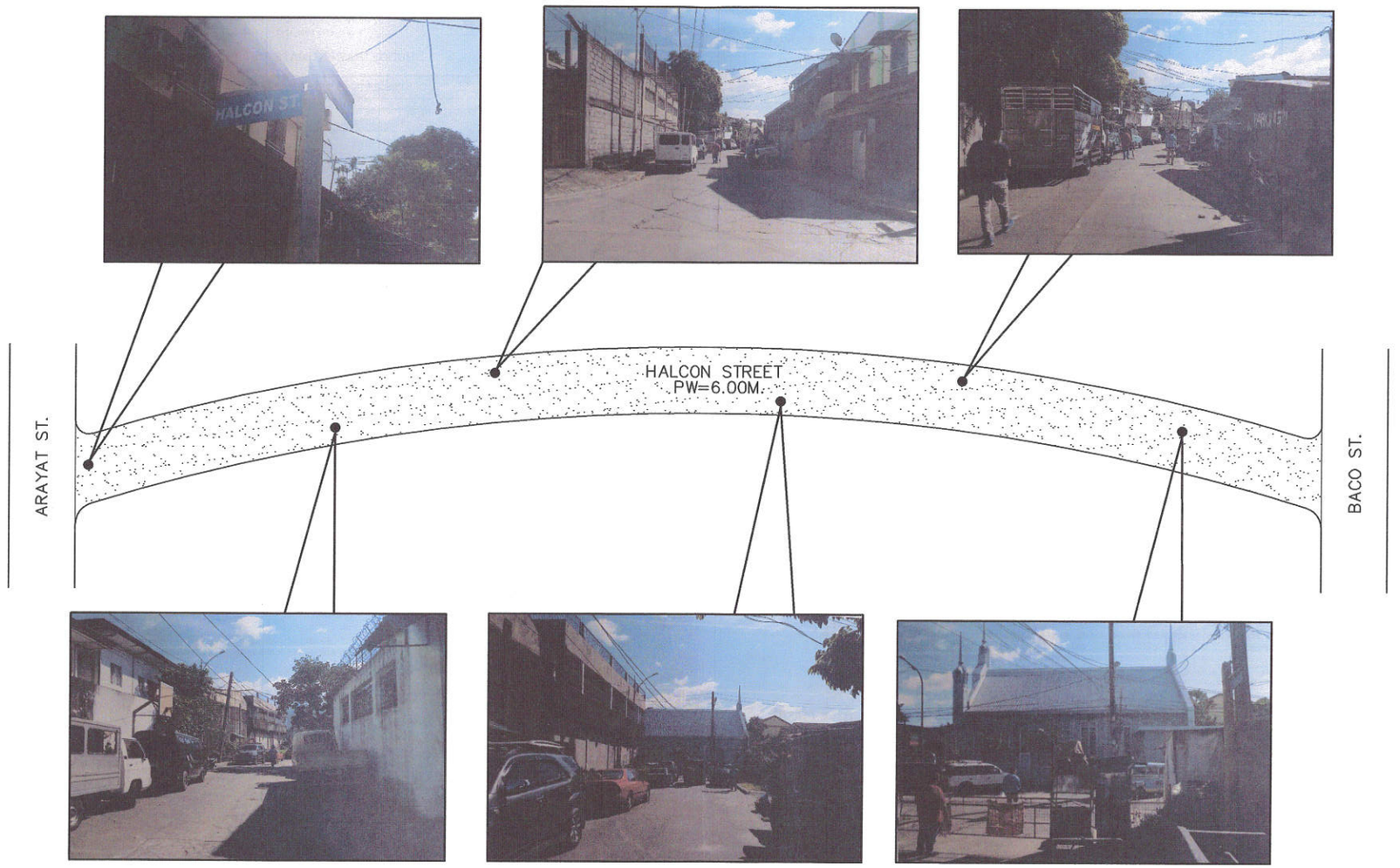


1 PLAN

NTS.

Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : IAM	SUBMITTED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION	DATE :				HALCON STREET PLAN ROADWAY CROSS SECTION	CW 2 4
	CHECKED BY:	**ENGR. LEO S. DEL ROSARIO**	**ENGR. ISAGANI R. VERZOSA, JR.**	**HON. MA. JOSEFINA G. BELMONTE**		
LOCATION: BRGY. NAGKAISANG NAYON, DISTRICT 5, QUEZON CITY	REVISION NO.: 01	HEAD , PLANNING & PROGRAMMING DIVISION	OIC, CITY ENGINEERING DEPARTMENT	CITY MAYOR , QUEZON CITY		



1 ROADWAY PLAN WITH PHOTOGRAPHS

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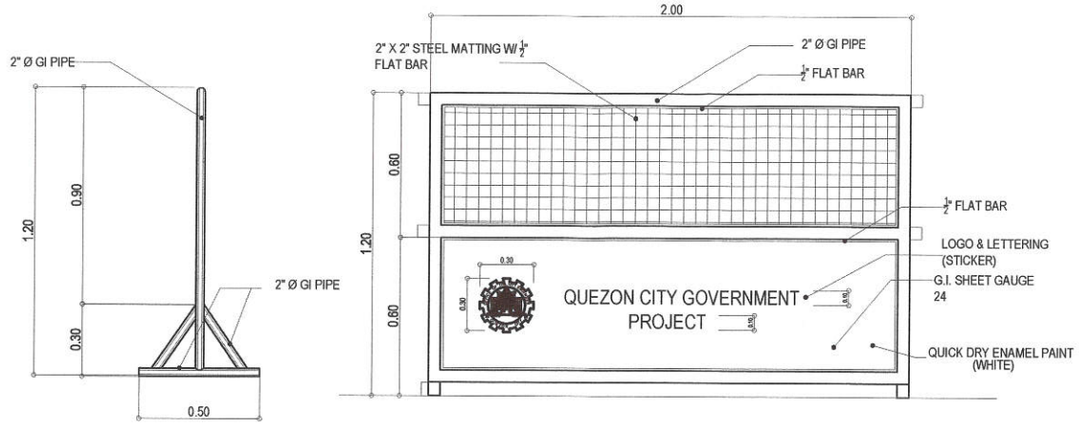
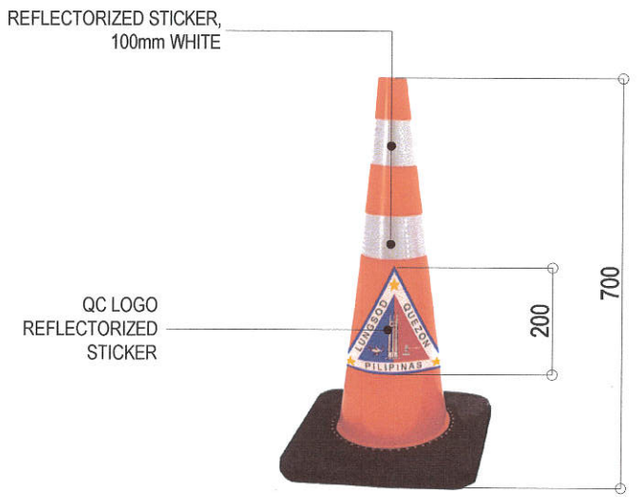
CITY ENGINEERING DEPARTMENT

PROJECT TITLE :	DRAWN BY : IAM	SUBMITTED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION	DATE :				ROADWAY PLAN WITH PHOTOGRAPHS	CW 3 | 4
LOCATION: BRGY. NAGKAISANG NAYON, DISTRICT 5, QUEZON CITY	CHECKED BY:	**ENGR. LEO S. DEL ROSARIO** HEAD , PLANNING & PROGRAMMING DIVISION	**ENGR. ISAGANI R. VERZOSA, JR.** OIC, CITY ENGINEERING DEPARTMENT	**HON. MA. JOSEFINA G. BELMONTE** CITY MAYOR , QUEZON CITY		
	REVISION NO.: 01					



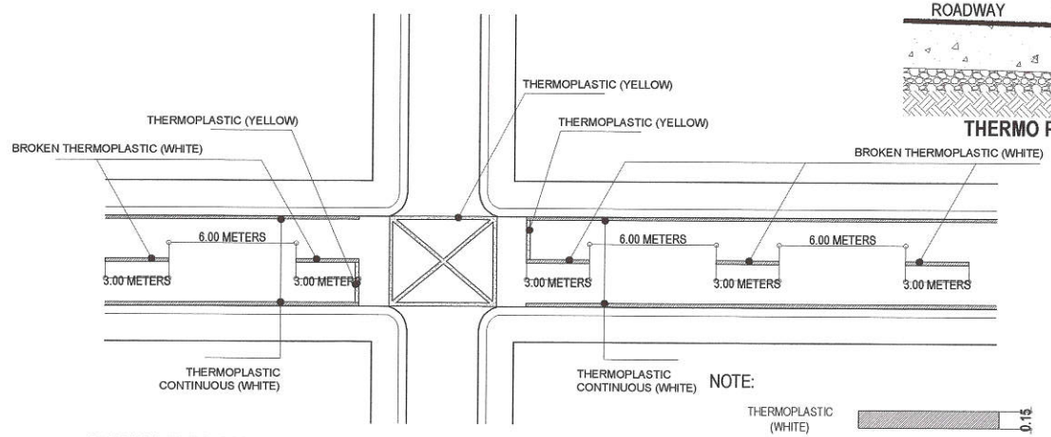
1 STEEL BARRICADE DETAIL

SCALE NTS

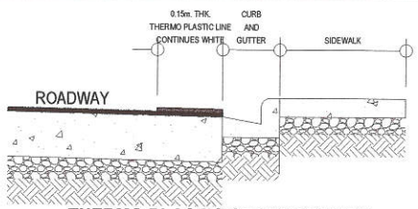


2 REFLECTORIZED TRAFFIC CONE

SCALE: NTS



SAMPLE PLAN



THERMO PLASTIC CROSS SECTION

3 THERMO PLASTIC DETAIL

SCALE: NTS

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PROJECT TITLE :	DRAWN BY : IAM	SUBMITTED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT	SHEET NO.
PROPOSED REHABILITATION (SURFACE IMPROVEMENT) OF HALCON STREET AT AMPARO SUBDIVISION	DATE :				STEEL BARRICADE DETAIL THERMO PLASTIC DET. REFLECTORIZED TRAFFIC CONE	CW 4 4
LOCATION: BRGY. NAGKAISANG NAYON, DISTRICT 5, QUEZON CITY	CHECKED BY:	**ENGR. LEO S. DEL ROSARIO** HEAD , PLANNING & PROGRAMMING DIVISION	**ENGR. ISAGANI R. VERZOSA, JR.** OIC, CITY ENGINEERING DEPARTMENT	**HON. MA. JOSEFINA G. BELMONTE** CITY MAYOR , QUEZON CITY		
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